DSC Change Proposal Document

Customers to fill out all of the information in the sections coloured
Xoserve to fill out all of the information in the sections coloured

A1: General Details

Change Reference:	4780-C		
Change Title:	Inclusion of Meter Asset Provider Identity (MAP Id) in the UK Link system (CSS Consequential Change) – Part C		
Date Raised:	16/04/2019		
Sponsor Representative Details:	Organisation:	SSE	
	Name:	Mark Jones	
	Email:	Mark.jones@sse.com	
	Telephone:	07810 858716	
Xoserve Representative Details:	Name:	David Addison	
	Email:	David.addison@xoserve.com	
	Telephone:	07428 559800	
Change Status:	☐ Proposal	☐ With DSG	☐ Out for Review
	☐ Voting	☒ Approved	☐ Rejected

A2: Impacted Parties

Customer Class(es):	☒ Shipper	☐ Distribution Network Operator
	☐ NG Transmission	☐ IGT
	☐ Other	<If [Other] please provide details here>

A3: Proposer Requirements / Final (redlined) Change

Change Description:	Within the Ofgem Switching Programme (OSP) that will introduce the Central Switching Service (CSS) it is expected that the source of the Meter Asset Provider identity (MAP Id) for gas Registerable Meter Points (RMP) will be stored in the CDSP system. This data will then be passed to CSS within a Synchronisation flow and used by CSS to ensure that a notification of a switching event is sent to the appropriate MAP for information. So as a result, we require MAP Id to be present in CDSP systems to fulfil this obligation to the OSP. Provision of notifications to MAPs is a cornerstone of the CSS design and therefore any degradation of data will impact the efficacy of these notifications.

	XRN4780 Part B originally had several requirements within scope, however during solution consultation, a number of representations were received raising concerns about the approach outlined, specifically for the ongoing maintenance of the MAP Id data item which lead to this element being de-scoped from XRN4780 Part B (June-2020) for further consideration. As some of the requirements within XRN4780 Part B were required to support CSS testing, it was decided to deliver these in June 2020 and the ongoing maintenance of MAP Id implemented in November 2020 (proposed) to form XRN4780 Part C To facilitate the solution approved by ChMC, a SPAA Change Proposal has been raised to obligate the MAM's to provide to the CDSP with the MAP Id and Meter Technical Details. This has been raised under SCP496 (MAM to CDSP Update of MAP ID and MTD).
Proposed Release:	November-2020 (Major Release)
Proposed Consultation Period:	☐ 10 Working Days ☐ 20 Working Days ☐ 30 Working Days ☒ Other – N/A

A4: Benefits and Justification

Benefit Description:	MAP Id provision is a requirement for UK Link to provide to the CSS. MAP Id is not currently held within the central data services functions within the gas industry. Conversely it is within electricity. MAPs have reported that the rate of asset loss *What, if any, are the tangible benefits of introducing this change? What, if any, are the intangible benefits of introducing this change?*
Benefit Realisation:	Implementation of this change needs to precede the CSS Implementation – currently planned Q4 2020. *When are the benefits of the change likely to be realised?*
Benefit Dependencies:	CSS Implementation. *Please detail any dependencies that would be outside the scope of the change, this could be reliance on another delivery, reliance on some other event that the projects has not got direct control of.*

A5: Final Delivery Sub-Group (DSG) Recommendations

Final DSG Recommendation:	*Until a final decision is achieved, please refer to section C of the form.*		
	☒ Approve	☐ Reject	☐ Defer
DSG Recommended Release:	November-2020		

A6: Funding

Funding Classes:	☒ Shipper	100 %
	☐ National Grid Transmission	XX %
	☐ Distribution Network Operator	XX %
	☐ IGT	XX %
	☐ Other <please specify>	XX %
Service Line(s)	DSC Service Area 1: Manage Supply Point Registration	
ROM or funding details:		
Funding Comments:	Follows CSS Consequential funding principles	

A7: ChMC Recommendation – Solution Review

Change Status:	☒ Approve	☐ Reject	☐ Defer
Industry Consultation:	☒ 10 Working Days	☐ 20 Working Days	
	☐ 30 Working Days	☐ Other [Specify Here]	
DSC Consultation Issue:	☒ Yes	☐ No	
Date Issued:	13/01/2020		
Comms Ref(s):	2514.3 - JLR – JR		
Number of Responses:	3 Approval, 1 Defer and 1 Reject.		
Solution Voting:	☒ Shipper	Approve	
	☐ National Grid Transmission	Please select.	
	☐ Distribution Network Operator	Please select.	
	☐ IGT	Please select.	
Meeting Date:	12/02/2020		
Release Date:	Release : 06/11/2020		

A8: ChMC Recommendation – Detailed Design

Change Status:	☒ Approve	☐ Reject	☐ Defer
	☒ 10 Working Days	☐ 15 Working Days	

Industry Consultation:	☐ 20 Working Days	☐ Other [Specify Here]
DSC Consultation Issue:	☒ Yes	☐ No
Date Issued:	14/04/2020	
Comms Ref(s):	2566.11 – MT - JR	
Number of Responses:	1 approval and 1 response	
Solution Voting:	☒ Shipper	Please select.
	☐ National Grid Transmission	Please select.
	☐ Distribution Network Operator	Please select.
	☐ IGT	Please select.
Meeting Date:	13/05/2020	
Release Date:	Release: Nov 20	

A8: ChMC Recommendation – Detailed Design

Change Status:	☒ Approve	☐ Reject	☐ Defer
Industry Consultation:	☒ 10 Working Days	☐ 15 Working Days	
	☐ 20 Working Days	☐ Other [Specify Here]	
DSC Consultation Issue:	☒ Yes	☐ No	
Date Issued:	12/04/2021		
Comms Ref(s):	2808.1 - MT – PO		
Number of Responses:	1 approval and 1 approval with comment only		
Solution Voting:	☒ Shipper	Approve	
	☐ National Grid Transmission	Please select.	
	☐ Distribution Network Operator	Please select.	
	☐ IGT	Please select.	
Meeting Date:	05/05/2021		
Release Date:	Release: November 21		

Section C: DSG Discussion

C1: Delivery Sub-Group (DSG) Recommendations

(To be removed if no DSG Discussion is required; Xoserve to collate where DSG discussions occur)

DSG Date:	27/01/2020
DSG Summary:	Simon Harris (SH) explained that this change was raised to meet the obligation to pass MAP Id to the CSS as part of CSS Consequential Change requirement (General XRN4780) however this has been split into several delivery phases. At a high level part C of this change (XRN4780C) will look at the ongoing maintenance of the MAP Id data item within CDSP systems and the options surrounding how this is done. SH added that this change is out for solution consultation and will close out Monday 10th February (20 WD consultation), 2 days before ChMC allowing for reps to be discussed at ChMC. Solution Options: 1. Do Nothing - Leave MAP Id (ASSPR - Asset Provider) updates via RGMA flows 'as is' (Optional) 2. Mandate MAP Id (ASSPR - Asset Provider) updates via RGMA flows 3. MAP Id direct updates via Meter Asset Providers Option 1 - Proposes to do nothing and leave Map Id updates via RGMA flows 'as is'. SH added that this solution option is proposing to not make any functional changes to the way MAP Id is updated within UK Link and leave the only mechanism to update MAP Id via Shipper driven RGMA. Therefore, this will have the lowest system impact to UK Link systems but will require input to industry systems to ensure MAP Id is populated in line with RGMA specifications in SPAA. Option 2 would be to mandate the MAP Id data item within RGMA flows. SH added that this would also need to involve looking at the chain through the industry and that would need to go to SPAA for discussions. If MAP Id is not provided RGMA flows will get rejected, the risk around this would mean the asset details on the UK Link system would get worse while trying to fix the Map Id data items flows through the industry This solution option presents a risk to Meter Asset data quality within CDSP system if a step change in MAP Id provision is not demonstrated as volume of RGMA transaction rejections would increase. SH added that this option has on overall medium impact and would be recommended for either a Minor or Major release type with a high level cost estimate 55,000 – 65,000 GBP. Option 3 involves attempting to implement a way for the Meter Asset Providers (or other parties, MAM's) to update the MAP Id data item directly into UK Link where the data item requires updating. This would entail the following new interfaces: a. **MAP (or MAM) to UK Link** - MAPs to update UK Link on individual asset with MAP Id details (with response file confirming

	outcome of notification) – would only be carried out if validation rules are met (i.e. MAP MSN = UKL MSN). b. **CDSP to MAPs** - MAPs to be notified for updates on assets they are to be assigned to due to RGMA Flows sent by Shippers (Install, Exchanges, Updates) and Direct MAP Flows c. **CDSP to Shippers** - Shippers to be notified of the MAP Id updates on their MPRN portfolio when processed via Direst MAP Flows. This is expecting to utilise existing organisation notification records. SH explained that some of the elements of the original solution option have been descoped due to Shippers being quite opposed to certain requirements. Furthermore, this solution option has been further enhanced by allowing Shippers to have the option of managing Map Id themselves allowing them to 'opt out' of any Map updates if they feel that this is necessary. This would be subject to potential reporting where Shippers opt out to ensure they are managing the MAP Id updates. Furthermore option 3 has impacts to Market flow, SAP PO and SAP ISU. This solution has an overall medium impact and is recommended for a Major Release with a high level cost estimate of 110,000 – 130,000 GBP. SH explained that interfaces and testing on interfaces is Low. SH outlined some additional clarification to note; - Meter Asset Providers will **not** be updating asset details (or any other data) within CDSP systems, only the data item MAP Id shall be updated as part of the proposed direct MAP updates. - We note that some users had reservations about MAPs updating the MAP Id on their Supply Meter Points. Proposed to include 'Opt out' service for Solution Option 3 SH added that additional clarification would involve Meter Asset Providers will not be updating asset details within the CDSP systems, only the data item/s proposed will be able to be amended. SH added that the solution option change pack was issued out on the 13th Jan 2020. This solution option has a 20 working day consultation to allow more time for parties to review and discuss as DSG. David Morley (DM) asked if MAPs obligated to provide information under option 3, SH stated that they are not obligated due to them being a non-signatory to the UNC or SPAA. However, the general feeling that has been given from Maps is that they are keen to support these initiatives SH added that this change has been supported by Ofgem to ensure that this information and data item is kept up to date as possible to feed CSS. SH stated that Solution option 3 is the CDSP recommended option for this change.		
Capture Document / Requirements:	<Insert where appropriate>		
DSG Recommendation:	☐ Approve	☐ Reject	☐ Defer
DSG Recommended Release:	Release: Feb / Jun / Nov XX or Adhoc DD/MM/YYYY		

DSG Date:	26/04/2021
DSG Summary:	SH presented this agenda item. SH provided and overview of the Change pack. **MAM Element of the Change Pack** MAMs are obligated to pass the CDSP copies of their RGMA flows that they pass to their Suppliers. If they do not conform to standardised RGMA flows they are mandated under MAMCoP to provide the CDSP with an alternative Non-RGMA CDSP Meter Technical Details File "Vanilla File". SH added for the files that are sent over, the CDSP are obligated to respond to those MAMs, notifying them of acceptance/rejection of their files into the CDSP system. SH also stated that within the Change pack, all inbound and outbound files have been referenced but the file/record type, formats/Hierarchy's have not been included within the document for review and approval as these are not to be governed under the UK Link manual, but are governed under their respective codes. DSG to note that the obligation from SPAA is currently set for June 2021, but due to XRN4780 part C now been scoped into November 2021 Major release may need to be revised. There are discussion ongoing with Ofgem, REC, SPAA and MAMCOP to decide what to do with the alignment of dates. **Shipper Element of this Change Pack** In relation to Shippers, there will be a new file type, .SIM that will be used to inform the Shipper of a MAP Id being populated for a Supply Meter Point they are/to be responsible for. The SIM file will contain an existing K85 record file. As part of the K85, there will be an addition of a new role code to include MAPs. SH added that if MAP Id is amended or updated, then this will be issued out to the Shippers, informing them of what has changed within the file. SH stated the Change Pack includes the full detailed design information for anyone who wants to see the full and in-depth details of this Change Pack. PP asked that when the MAM sends the MAP Id, Is Xoserve going to validate that the MAM held in Xoserve's system is the same MAM as provided in the file. SH stated that this was not to happen. PP added, when the MAP Id changes are being issued if there have been any, is any validation being conducted then in regard to who the MAP is. SH clarified this, stating only valid MAP Id's were to be processed . MN added that Shipper Data will be used over MAM data, therefore if a Shipper provides the MAP Id, it will be used, and no check done on the data the MAM has provided. This is due to the Shipper obligation under the UNC to update the Supply Point Register for asset details. **MAP Element for this Change Pack** SH added that there will be an introduction of a new file to the MAPs. This will be the .MON file, which informs MAPs of the appointments and de-appointments of their MAP Id's. SH added that the MAPs will be updated via the .MON file, as this will inform them of the appointed and de-appointed MAP Id's. Alongside the appointment flows, SH stated that they will be informed who the current Supplier or MAM is if they have been appointed on that current asset. This will be strictly the organisation details for MAM/Supplier and not who the Shipper is. This was discussed and agreed within CoMC. In relation to this, after discussions with CoMC for the provision of data for MAPs as per the portfolio solution being developed for MAPs themselves, there is certain information that will not be supplied. This will include information such as start dates etc outside of a MAP ownership as per UK Link. The scenarios have been covered

	within the issued Detailed Design Change pack for anyone who would like to view them in more detail. OM asked if MAP Id is not currently a data item in UK Link that is going to be implemented in November 2021. SH clarified that this was not the case as this has been in UK Link since XRN4780A had been implemented (June2019). SH added that the data item has been within the UK Link system since June 2019 but is slowly and steady being loaded to pass that information to CSS. OM asked if the new .MON file is to be sent from the CDSP to other participants. Is there any circumstances where a Shipper or other participant would send a different flow to the CDSP. SH clarified that this would not be the case, therefore Shippers will still be sending RGMA flows to UK Link and that will not be changing. The MAMs will however be obligated to send file flows to the CDSP as part of this change. PP asked with regards to both parties being obligated to provide the MAP Id. Will there be any sort of tracking or reporting from a Shipper end where the MAP Id is not being provided. SH replied that this would not be reported on within scope of this change but the information that would be provided as part of this change, could separately be used to report in the future. PP if the MAP Id will be visible to view in DDP, SH replied that it could be potentially as the elements are there for them to be made available. PO added that it just depends if MAP Id has been included in any of the previous Shipper drops of DDP visibility. **Action: PO to confirm whether any of the Portfolio views do/do not include MAP Id in regard to XRN4780C**
Capture Document / Requirements:	<Insert where appropriate>
DSG Recommendation:	☐ Approve ☐ Reject ☐ Defer
DSG Recommended Release:	Release: Feb / Jun / Nov XX or Adhoc DD/MM/YYYY

Section F: Approved Solution Option

F1: Approved Solution Option

XRN Reference:	XRN4780 Part C
Solution Details:	Option 3 - MAP Id direct updates via Meter Asset Providers
Implementation Date:	06/11/2020
Approved By:	ChMC
Date of Approval:	12/02/2020

Section D: High Level Solution Options

D1: Solution Options

Solution Option Summary:	**Link to CP** **Overview** The UK Link system will be responsible for providing the Meter Asset Provide Identifier (MAP Id) to CSS. Provision of notifications to MAPs is a cornerstone of the CSS design and therefore any degradation of data will impact the efficacy of these notifications. XRN4780 Part B originally had several requirements within scope, however during solution consultation, a number of representations were received raising concerns about the approach outlined, specifically for the ongoing maintenance of the MAP Id data item which lead to this element being de-scoped from XRN4780 Part B (June-2020) for further consideration. As some of the requirements within XRN4780 Part B were required to support CSS testing, it was decided to deliver these in June 2020 and the ongoing maintenance of MAP Id implemented in November 2020. Following representations received we have descoped notification of Supplier change to MAPs. This has been removed from scope of any variant of XRN4780. The proposed Solution Options outlined in the attached HLSO document are not exclusive and though should be made around the possibility of implementing both options 2 & 3 for a complete all-round solution. Due to risk to maintain MAP Id or RGMA information we recommend implementation of Solution Option 3 (with the Shipper also retaining the ability to update MAP Id via RGMA (Option 1)). **Solution Option 1:** Do Nothing This solution option will not introduce any functional changes to how MAP Id updates are handled within the CDSP systems from what was/is being implemented under Part A & B. This means that RGMA flows from Shippers, with MAP Id being optional will remain the only means to maintain MAP Id data in UK Link Systems. This solution will have the lowest system impact to UK Link systems but will require input to industry systems to ensure MAP Id is populated in line with RGMA specifications in SPAA.

	As part of XRN4780 Part B, Meter Asset Providers have been tasked with providing the CDSP with portfolio data (MPRN/MSN etc) to allow the bulk population of MAP Id within CDSP systems, something that was discussed and agreed with the Shipper community. However, post this bulk data load is a concern that, if the MAP Id updates remain optional within RGMA flows, and no other way to update this, the data held within the UK Link systems will degrade. For context, due to the purpose of how JOB files are treated, if no MAP Id is provided within the file, then the incumbent MAP Id if present will be removed and left blank once the JOB file has been processed (less risk with UPD due to rolling over the existing MAP Id if one is not provided). Since implementation of Part A in June 2019, only 69k MAP Ids are now recorded on UK Link systems but more than 2.6m RGMA flows have been successfully processed in the same period. **Solution Option 2:** Mandate MAP Id updates via RGMA flows This solution option is looking to make MAP Id (MARKET PARTICIPANT segment, ASSPR - Asset Provider) a mandatory data item within inbound RGMA (ONJOB/ONUPD) flows for certain types of updates (i.e. Installs/Exchanges/Updates, not for Removals/Repositions). RGMA transactions would be rejected back to the submitting party if the [ASSPR - Asset Provider] data item is missing or incorrect (as per current rule to check provided value against CDSP held MAP Organisation List). A new rejection code will be introduced to highlight to the submitting party the reason for the RGMA rejection to aid in resubmission if required. This solution option presents a risk to Meter Asset data quality within CDSP system if a step change in MAP Id provision is not demonstrated as volume of RGMA transaction rejections would increase. **Solution Option 3:** MAP Id direct updates via Meter Asset Providers This solution option will allow the Meter Asset Provider to update the MAP Id data item directly into UK Link where they have identified a data discrepancy, however RGMA flows received from the Shipper will take priority over direct MAP updates. This would entail the following new interfaces and respective responses: a. **[MAP to UK Link]** - MAPs to update UK Link on individual asset with MAP Id details, would only be carried out if validation rules are met (i.e. MAP MSN = UKL MSN) with response file confirming outcome of attempt

	b. **[UK Link to MAPs]** - MAPs to be notified for updates on assets they are to be assigned to due to RGMA Flows sent by Shippers (Install, Exchanges, Updates) and Direct MAP Flows c. **[UK Link to Shippers]** - Shippers to be notified of the MAP Id updates on their MPRN portfolio when processed via Direct MAP Flows. This is expecting to utilise existing organisation notification records. For clarification, Meter Asset Providers will **not** be updating asset details (or any other data) within CDSP systems, only the data item MAP Id shall be updated as part of the proposed direct MAP updates. We note that some users had reservations about MAPs updating the MAP Id on their Supply Meter Points. We could, as part of this solution, propose a configurable table that would allow Shippers to prevent MAP Direct updates where the Shipper has indicated that they will take sole responsibility for managing this information, thus rejecting any attempt by the MAP to update the MAP Id on their Supply Meter Points. **Link to HLSO Documentation**
Xoserve preferred option: (including rationale)	Solution Option 3
DSG preferred solution option: (including rationale)	TBC (DSG 27th January 2020) – Extended consultation window to ensure discussion at DSG
Consultation closeout:	10/02/2020

Section E: Industry Response Solution Options Review

E1: Organisation's preferred solution option

User Contact Details:	Organisation:	EDF
	Name:	Eleanor Laurence
	Email:	eleanor.laurence@edfenergy.com
	Telephone:	07875117771
Organisation's preferred solution option, including rationale taking into account costs, risks, resource etc.	We believe that any of the options presented here should not be progressed without changes to RGMA processes used by MAPs/MAMs. We cannot see how we as a supplier/shipper can fulfil our obligations to 1 – provide MAP ID as a mandatory data item (option 2), or 2 - uphold industry data quality of metering information inc MAP ID where MAMs are not mastering the data as part of the asset information (referring to option 3 limitations) We feel that this CP should not be progressed without the end to end processes across industry being defined including the MAMs who should be responsible for updating the supplier with MAP ID at the same time as the Asset information they already provide suppliers. MAMs should master the data – they should be enforced to communicate the data to each other as part of the CoS process and should provide any updates to the supplier who would then pass to shipper and update CDSP (option 2) We would like to see a process implemented that works across all industry participants that should be involved in the process and that works for the future along with trying to streamline processes where possible with the electricity industry and as a result - as a standalone change we will reject all of these options, but would prefer to see option 2 implemented alongside the other industry changes mentioned - without these we could not fulfil option 2.	
Implementation Date:	Reject	
Xoserve preferred solution option:	Reject	
DSG preferred solution option:	Reject	
Publication of consultation response:	N/A	

E2: Xoserve' s Response

Xoserve Response to Organisations Comments:	Thank you for your representation, the details contained within this will be discussed at ChMC and approval sought to move into delivery for an agreed solution option.

E1: Organisation's preferred solution option

User Contact Details:	Organisation:	OVO Energy
	Name:	David Morley
	Email:	david.morley@ovoenergy.com
	Telephone:	07817250252
Organisation's preferred solution option, including rationale taking into account costs, risks, resource etc.	Overview We have chosen the option to defer the implementation date and proposed solutions for reasons that we have set out below. We believe: -MAP IDs need to be held in a centralised database, -This database needs to be accessible by all affected parties (Shippers, MAMs, MAPs) -It should be mandatory to update this data -A last updated history should be available -The performance of updating the MAP should be monitored by a performance assurance board -If we cannot mandate the MAP to update the MAP ID under UNC/SPAA, this should fall on the shipper -The effect that any change will have on the relationship between MAMs, MAPs, and Shippers must clearly be thought about and worked through in detail with all affected parties prior to the implementation of any change Main points -We have concerns that the MAPs will update MAP ID data without oversight from any performance assurance body. Mandating that MAPs become signatories to the UNC and/or SPAA would bring them under the UNC's PAC or REC PAB. Without a performance assurance mechanism, we believe that there is the ability for unchecked misuse of the functionality that is proposed by XRN 4780 Part C. -If this performance assurance is in place, as proposed in point one above, we are tentatively OK with MAPs being able to update MAP IDs (and only MAP IDs), as long as we can override the MAPs with the flag, as proposed within XRN 4780 Part C. -Failing the points made in point two, we are supportive of mandating Shippers to update the MAP ID via RGMA flows. -In consideration of solution B or C of XRN4780(c), we do not feel as though MAM processes (as found within the RGMA Baseline) have been duly considered, and believe that a thorough examination of the effects of this modification on MAMs should take place to guide the final solution -We believe that there is need for clarification on what changes would be made to RGMA processes (for example, how would obligations on the MAM/Shipper to send RGMA flows be set), how these changes would take place (eg what timescales would be mandated; what rejection codes would be implemented, if any), and, importantly, why specific changes (such as timescales, and rejection codes) are required.	

	-Furthermore, if the MAP updates the MAP ID on Xoserve, how will the MAM and Shipper be informed of the update? We propose that this functionality would need explicit clarification prior to option 3 of XRN 4780 (c) being approved for implementation.
Implementation Date:	Defer
Xoserve preferred solution option:	Defer
DSG preferred solution option:	Defer
Publication of consultation response:	N/A

E2: Xoserve' s Response

Xoserve Response to Organisations Comments:	Thank you for your representation, the details contained within this will be discussed at ChMC and approval sought to move into delivery for an agreed solution option.

E1: Organisation's preferred solution option

User Contact Details:	Organisation:	Centrica
	Name:	Oorlagh Chapman
	Email:	Oorlagh.chapman@centrica.com
	Telephone:	07557614769
Organisation's preferred solution option, including rationale taking into account costs, risks, resource etc.	Solution 1 – Reject, this solution would create a backlog of blank MAP IDs similar to the blank MAM IDs we have due to a similar approach. This has caused much work for industry and would be best avoided for MAP ID. Solution 2 – Reject - We cannot support this solution, it is of greater importance metering updates are held by Xoserve, more than they receive an updated MAP ID. Delaying metering updates may lead to incorrect data being provided to Shippers when they gain supply of a meter point. Solution 3 – Centrica Preferred option. It would be preferable, as a Shipper, that we only receive notifications of an update to a MAP ID, i.e. where it has changed, rather than duplicate updates made by MAPs. It is not clear from the document how this would be managed. we remain concerned about any large volume updates and would like Xoserve to confirm how these will be managed, i.e. if there was a change in ownership of a number of meters between two MAPS as a single update.	
Implementation Date:	Approve	

Xoserve preferred solution option:	Approve
DSG preferred solution option:	Approve
Publication of consultation response:	N/A

E2: Xoserve' s Response

Xoserve Response to Organisations Comments:	Thank you for your representation, the details contained within this will be discussed at ChMC and approval sought to move into delivery for an agreed solution option.

E1: Organisation's preferred solution option

User Contact Details:	Organisation:	SSE Energy Supply Limited
	Name:	Megan Coventry
	Email:	megan.coventry@sse.com
	Telephone:	02392277738
Organisation's preferred solution option, including rationale taking into account costs, risks, resource etc.	We support this change. Our preference is for solution Option 3. We note that Option 2, although not our preferred option, also has merit in providing a robust method to the update of MAP IDs.	
Implementation Date:	Approve	
Xoserve preferred solution option:	Approve	
DSG preferred solution option:	Approve	
Publication of consultation response:	N/A	

E2: Xoserve' s Response

Xoserve Response to Organisations Comments:	Thank you for your representation, the details contained within this will be discussed at ChMC and approval sought to move into delivery for an agreed solution option.

E1: Organisation's preferred solution option

User Contact Details:	Organisation:	Npower Ltd
	Name:	Alison Price

	Email:	alison.price@npower.com
	Telephone:	000
Organisation's preferred solution option, including rationale taking into account costs, risks, resource etc.	We are most supportive of Option 3 (Xoserve's preferred solution), as this covers all elements i.e. control, disputes and a complete process. Currently the MAP is a non-mandatory item, and this has led to this position and the requirement for a solution, which is partly because Suppliers aren't always aware or in a position to manage. Option 3 places more control of this item with the MAM, and they are best placed to take MAP ownership. If Option 2 is favoured, then we would expect additional changes to be brought into the MAMCoP to ensure that MAMs are given greater responsibilities to liaise with the Supplier help resolve anomalies, disputes and maintenance of the MAP Id. We do not support Option 1.	
Implementation Date:	Approve	
Xoserve preferred solution option:	Approve	
DSG preferred solution option:	Approve	
Publication of consultation response:	N/A	

E2: Xoserve' s Response

Xoserve Response to Organisations Comments:	Thank you for your representation, the details contained within this will be discussed at ChMC and approval sought to move into delivery for an agreed solution option.

Section F: Approved Solution Option

F1: Approved Solution Option

XRN Reference:	XRN4780 (Part C)
Solution Details:	Option 3 - direct updates to MAP Id from non-Shipper parties
Implementation Date:	06/11/2020
Approved By:	Change Management Committee
Date of Approval:	12/02/2020

Section G: Change Pack

G1: Communication Detail

Comm Reference:	2566.11 – MT - JR
Comm Title:	XRN4780 - Part C - Inclusion of Meter Asset Provider Identity (MAP Id) in the UK Link system (CSS Consequential Change) – Detailed Design
Comm Date:	14/04/2020

G2: Change Representation

Action Required:	For Representation
Close Out Date:	28/04/2020

G3: Change Detail

Xoserve Reference Number:	XRN4780-C
Change Class:	System Processing and File Format Changes
ChMC Constituency Impacted:	Shippers Users
Change Owner:	Simon Harris Customer Change Service Development Specialist simon.Harris@xoserve.com 0121 229 2642
Background and Context:	A key requirement of Ofgem's Central Switching Service (CSS) is to inform industry participants of switching events that are to be or have taken place to ensure relevant entities are reliably made aware and can take appropriate action where needed. Part of the CSS solution will introduce new file flows to Meter Asset Providers (MAPs) to update them on changes to Supplier, but to facilitate this requirement the Central Data Service Provider (CDSP (in their capacity as the Gas Retail Data Agent (GRDA)) will be responsible in sending the CSS the MAP Id associated to a Supply Meter Point. To facilitate this, the CDSP raised XRN4780 to look at the potential processes surrounding MAP Id, how it is to be provided, stored and passed on to CSS to fulfil the obligation. The first step to achieve this was carried out under XRN4780-A where the facility for Shippers to send to the CDSP the MAP Id via existing RGMA flows and for the CDSP to store this data within the Supply Point Register as part of June 19 Major Release. The next stage is to be carried out under XRN4780-B and is in scope for delivery as part of June 20 Major Release and involves the mass population of MAP ID data, that is to be provided to the

	CDSP directly via MAPs as agreed by DSC parties, into the Supply Point Register, along with feeding this into the CDSP BW reporting system. The CDSP acknowledges that data populated as part of XRN4780-B within scope of June 2020 will start to depreciate until the work carried out under XRN4780-C, surrounding the ongoing maintenance of MAP Id, is implemented. Within the Solution Option Review Change Pack issued out for XRN4780-C in January 2020 the CDSP proposed a number of options to the Change Management Committee (ChMC), with the recommended solution being direct updates from MAPs to provide MAP Id data into UK Link in the absence of Shipper provided updates via RGMA. This approach was not approved by ChMC, who preferred Meter Asset Managers (MAMs) being responsible for maintaining this information as this can be achieved by extending existing MAM obligations in RGMA. ChMC requested that the CDSP develop a solution where MAMs are the source of the MAP Id information in line with the CDSP/DSG recommended solution option. Given the change in solution approach this Detailed Design Change Pack provides the proposed design for this solution option, but we recognise that this may require further development following industry review. Comments from industry participants are particularly encouraged. This Change Pack is looking to specify the approach/ solution for receiving MAP Id information from MAM's and give an overview of how the CDSP intends to utilise this data within its systems. This will also cover the proposed end to end lifecycle of the MAP Id data item, however we are not amending any of the existing process currently in place, we are enhancing this by introducing new flows and updates to relevant parties as part of XRN4780-C due to be implemented within the November 2020 Major Release. The full lifecycle of the MAP Id data item (as understood) is referenced for completeness and context to aid the readers understanding.

G4: Change Impact Assessment Dashboard (UK Link)

Functional:	Supply Pont Register Configuration
Non-Functional:	Currently being assessed
Application:	SAP ISU, SAP BW, SAP PO & AMT
User(s):	Shipper Users, Meter Asset Managers (MAMs), Meter Asset Providers (MAPs)
Documentation:	File/Record Type, Formats/Hierarchy, Rejection Codes
Other:	None

Files *File/Record Types in bold/italics are the ones being amended/introduced as part of this Change Pack*

File	Parent Record	Record	Data Attribute	Hierarchy or Format Agreed
ASN, BRR, TMC, CFR, NMR, NRF, TRS, SNR, CRS, TRF	S75	**K85**	ORGANISATION_ TYPE	FORMAT
MAP	F01	**K85**	ORGANISATION_ TYPE	FORMAT
SIM	N/A	**K85**	ORGANISATION_ TYPE	FORMAT
SIM	N/A	N/A	N/A	HIERARCHY
MAP	N/A	**F01**	N/A	FORMAT
MAP	F01	**F02**	N/A	FORMAT
MAP	N/A	N/A	N/A	HIERARCHY
JRS	*N/A*	*N/A*	*N/A*	*HIERARCHY** *Referenced but not provided*
UPR	*N/A*	*N/A*	*N/A*	*HIERARCHY** *Referenced but not provided*

G5: Change Design Description

Overview

The solution option defined within this Detailed Design Change Pack is to receive MAP Id information for Supply Meter Points from MAMs. It is proposed that this is a copy of the data that a MAM provides to Suppliers under RGMA.

The provided MAM data will be stored within the CDSP system(s) and used to populate the MAP Id field where required (i.e. where no MAP Id data item is received from the Shipper by way of existing RGMA flows). Once the Metering details in the UK Link system have been updated (via Shipper RGMA flows) the CDSP will, where MAP Id is missing, align the Shipper update to the Metering details received from the MAMs and populate the MAP Id accordingly.

It is also the CDSP's intention to inform Shipper & Meter Asset Provider (MAP) entities of any changes to data that ties in with the ongoing maintenance of the MAP Id within the CDSP systems, such as, but not limited to, changes to Shipper/Supplier/Meter Asset Manager/Meter Asset Provider entities held on the Supply Point Register, these will also involve new interfaces and file/record formats.

Current Process

Currently, at a high level the end to end lifecycle of the MAP Id data item and the processes that underpin it (as understood) are as follows:

- A Supplier requests a MAM to undertake work at a Supply Meter Point, this may include such works as Installation/Exchange/Removal/Reposition etc of meter assets.
- The appointed MAM then carries out the required work and then sends an ONJOB/ONUPD flow to the Supplier, and notifies the MAP whose asset has been installed. The MAM to Supplier RGMA Transactions are required to provide the MAP Id, e.g. G0201 Notification of Measuring Asset Installation indicates that "Market Participant Group (008) identifying the Asset Provider is mandatory for Metering Assets".
- Once the Supplier has received the ONJOB/ONUPD flow from the MAM, they update their system(s) accordingly and pass the flow onto the appropriate Shipper responsible for the Supply Meter Point.
- Once the Shipper has received the ONJOB/ONUPD flow from the Supplier, they update their system(s) accordingly and then subsequently trigger the sending of JOB/UPD RGMA flow(s) to the CDSP.
- Once the CDSP has received the JOB/UPD RGMA File(s) from the Shipper, the CDSP will (once the records pass the appropriate validation steps) update the Supply Point Register with the details contained with the JOB/UPD RGMA File(s) that may contain the MAP Id.

The JOB/UPD RGMA files received from the Shipper may not contain the MAP Id information due to the **Market Participant: ASSPR - Asset Provider** data segment being optional, so in effect the Shipper is not currently obligated to provide this information to the CDSP. Prior to implementation of XRN4780-A in June 19's Major Release, **Market Participant: ASSPR - Asset Provider** data segment was classed as an 'irrelevant dataset' within the Shipper to CDSP RGMA flows, so Shippers may not have re-configured their transactions following implementation of XRN4780-A.

The following link provides a high level overview of the current MAP Id process as it is understood.

Please Note: The term 'Valid MAP Id' is used throughout this document and it refers to a Market Participant Identity fulfilling a Meter Asset Provider Market Role within the MDD Market Participant Identity table. All MAPs were required to be recorded as part of the migration to UNC mastering Market Participant identities as per UNC Modification 0682.

Amended Process

ChMC preferred the solution option that the CDSP obtain the MAP Id data item directly from the Meter Asset Managers to help supplement data being received from the Shippers by way of JOB/UPD RGMA flows. Please note that where the Shipper has provided a valid MAP Id, this will take precedent over any MAM provided MAP Id details for the same Supply Meter Point/Meter Serial Number.

MAM Inbound File Flow
The proposed solution will require MAMs to send a copy of their ONJOB/ONUPD files (that are currently issued to Suppliers) to the CDSP.
Please note that how this file will be transferred to the CDSP has not yet been agreed, it is also known that MAMs use a number of different delivery methods to transfer data to Supplier/MAPs informing them of works carried out. It is understood that the MAMs are not mandated to provide this data via a specific means, so MAM views have been sought regarding the existing means.

Once the MAM provided ONJOB/ONUPD file(s) have been received by the CDSP, along with generic file format validation through AMT, basic record level validation will be carried out on the provided data (this is proposed to be a stripped-down version of validation carried out on Shipper provided RGMA flows), an example of these validation checks are as follows:

- Meter Point Reference Number (MPRN) matches with one on the Supply Point Register
- Effective Date of the Meter Works is not a future date
- Effective Date of the Meter Works is a valid date
- Submitting MAM is registered in the MDD MP Id table

It is not the CDSPs intention that all data contained within the MAM provided ONJOB/ONUPD files is subject to detailed validation as the data received will not be used to update the Supply Point Register directly. The data will be stored in order to allow the matching of meter technical details in the UK Link system, to then update the MAP Id in the Supply Point Register where appropriate.

MAM Outbound File Flow

Once the validations have been completed the CDSP will issue a **MAM RNJOB/RNUPD RESPONSE (.JRS/.UPR respectively)** notifying them of which transactions have been accepted or rejected. Reason codes will be provided with rejected transactions to assist the MAMs in resolving exceptions prior to resubmission. The CDSP will load all accepted data into the CDSP system(s) for potential future use with regards to MAP Id population.

Again, as the delivery mechanism for the **MAM RNJOB/RNUPD RESPONSE (.JRS/.UPR)** file(s) have not yet been agreed and the details for the content/structure of the file is still being discussed and designed, more information on this will be provided as and when they have been agreed.

Utilisation of MAM provided MAP Id

It is expected that MAMs will be sending ONJOB/ONUPD files directly to the CDSP at the same time as they send the Supplier flows. Due to this the CDSP is expecting a delay before the Shipper updates the Supply Point Register with the corresponding RGMA JOB/UPD files.

The Shipper (as per UNC) will remain responsible for updating Asset Details on the Supply Point Register and this will not be changing as a result of any processes introduced as part of XRN4780-C. For clarification, the CDSP will not directly update asset details on the Supply Point Register from MAM provided ONJOB/ONUPD files flows.

The CDSP will store the MAM provided ONJOB/ONUPD data and wait for a corresponding Shipper JOB/UPD RGMA update to be received and be successfully processed, before potentially acting and using the MAM data to populate the MAP Id into the core Supply Point Register.

High Level Scenarios

The below lists the high level scenarios being considered as part of this change in relation to when the MAM provided MAP Id will, or will not, be used to populate data into the core Supply Point Register.

Scenario 1:
Where a Shipper has successfully updated the Supply Point Register with a JOB/UPD RGMA flow that contains a Valid MAP Id then this will be used to

populate the MAP Id for that specific Asset/Supply Meter Point from the effective date of the processed JOB/UPD RGMA transaction and the MAM data (if provided) will remain unused.

Scenario 2:
Where a Shipper has successfully updated the Supply Point Register with a JOB/UPD RGMA flow that does not contain a MAP Id (or contains an invalid MAP Id) then the CDSP will look for a corresponding MAM update against the Metering details recorded in UKL and, if found, the MAP Id will be taken from the MAM ONJOB/ONUPD store and used to populate the MAP Id for that specific Asset/Supply Meter Point from the effective date of the processed JOB/UPD RGMA transaction from the Shipper. The CDSP will not use the effective date that was provided by the MAM via ONJOB/ONUPD files.

Please note that if no corresponding record can be found within the MAM ONJOB/ONUPD store, then no MAP Id will be populated for that specific Asset/Supply Meter Point on the Supply Point Register and the MAP Id field will remain blank.

Scenario 3:
In the instances of missing MAP Id within the Supply Point Register (as updated by the Shipper via JOB/UPD RGMA flows) if, at a later date, the MAM provides a corresponding ONJOB/ONUPD file containing a Valid MAP Id for the Metering details recorded in the Supply Point Register, the CDSP will use this MAM provided MAP Id to populate the missing MAP Id in relation to the corresponding Asset/Supply Meter Point from the effective date of the Shipper provided RGMA JOB/UPD update. The CDSP will not use the effective date that was provided by the MAM via ONJOB/ONUPD files.

Scenario 4:
Where the MAM has provided the CDSP with an update via ONJOB/ONUPD flow for a specific Asset/Supply Meter Point but no corresponding Shipper update (via JOB/UPD RGMA flows) is received and successfully processed into the Supply Point Register, the CDSP will take no further action. The MAM update will be stored to potentially be used at a later date (if the Shipper successfully processed an RGMA flow, Scenario 3), however the MAM data would be available and reportable if it is decided that it be of industry benefit in the future.

Additional Notifications

For the end to end process of maintaining MAP Id data item outlined within this Detailed Design Change Pack, additional notifications are to be sent to relevant parties to assist the industry with keeping records and systems as aligned as possible for the purpose of query management and ensuring MAP Id is being populated as accurately as possible into the Supply Point Register.

MAP Notification Overview
One of these new notifications will be sent by the CDSP to the MAP informing them of MAP Id appointment/de-appointments, Asset Details held on the Supply Point Register (provided to the CDSP by the Shippers) and Organisation details relating to Shippers, Suppliers and MAMs, along with changes to such information that occur on the Supply Point Register while they are the incumbent MAP assigned to a Meter Asset installed on a Supply Meter Point.

The file transfer mechanism and low-level details to be contained within the CDSP to MAP notification flows have not yet been fully defined and agreed. However, draft File Hierarchy and Record Type Formats have been created to provide users with an idea of the contents and structure of the flow to be issued out to MAPs. Comments are invited on the content of these records.

To facilitate the notifications (as referenced above) being sent out to MAPs, a new File Hierarchy has been created. This File has been named **METER ASSET PROVIDER NOTIFICATION (.MAP)** and includes 2 new Record Types **MAP NOTIFICATION DETAILS (F01)** & **ASSET DETAILS (F02)** and also the existing Shipper used Record Type **GENERIC ORG NOTIFICATION (K85)**.

The **GENERIC ORG NOTIFICATION (K85)** is an existing record used to provide Organisational data to System Users. Re-use within the **METER ASSET PROVIDER NOTIFICATION (.MAP)** file is recommended to promote efficiency in the industry. To facilitate use in this context (and other elements of this change) the **GENERIC ORG NOTIFICATION (K85)** record is being amended to include additional allowable values within the **ORGANISATION_TYPE** field i.e. *SUP* - Supplier, *SHP* – Shipper, *MAM* - Meter Asset Manager and *MAP* – Meter Asset Provider, and the CDSP will be seeking approval for this as part of this Detailed Design Change Pack.

Please note that this amended **GENERIC ORG NOTIFICATION (K85)** record is also to be included in the proposed new Shipper flow **SHIPPER INFORMATION ON MAPS (.SIM)** informing them of MAP Id updates (detailed in a separate section of this document) but we will be seeking approval for only one instance of the **GENERIC ORG NOTIFICATION (K85)** record (although it is referenced a number of times).

MAP Hierarchy

F01 MAP Notification Details Record

F02 Asset Details Record

K85 Generic Org Notification

The utilisation of the **METER ASSET PROVIDER NOTIFICATION (.MAP)** file being sent from the CDSP to Meter Asset Providers will occur in the following scenarios:

MAP Appointment/De-appointment Notification

Where a MAP Id has been populated/amended on the CDSP System (via either a Shipper provided JOB/UPD RGMA or a MAM provided ONJOB/ONUPD flow) a **METER ASSET PROVIDER NOTIFICATION (.MAP)** notification is to be sent to the Appointed MAP and if applicable the De-appointed MAP notifying them accordingly, details of which will be contained within the **MAP NOTIFICATION DETAILS (F01)** record.

This flow is also proposed to provide details of the Meter Asset installed on the Supply Point Register for the Appointed MAP and details of the removed Meter Asset for the De-appointed MAP, and this will be displayed utilising the **ASSET DETAILS (F02)** Record.

In the instances of the Shipper processing a successful JOB/UPD RGMA flow for a Removal only, then a **METER ASSET PROVIDER NOTIFICATION (.MAP)** notification will be sent to the de-appointed MAP only, details of which will be contained within the **MAP NOTIFICATION DETAILS (F01)** record and details of

the removed meter asset will be displayed utilising the **ASSET DETAILS (F02)** Record.

MAP Asset Changes Notification

Along with informing the MAP(s) of their appointment and de-appointment, the **METER ASSET PROVIDER NOTIFICATION (.MAP)** file will also be triggered to inform them of any cosmetic updates to the Meter Asset Details held on the Supply Point Register, where they are recorded as the MAP. We would propose that this is for a limited set of Meter Technical Details i.e. updates to Meter Serial Number; Manufacturer; Model etc. If additional data items would need to be notified we specifically request representations to define such data items. This will be displayed within the **.MAP** file utilising the **ASSET DETAILS (F02)** Record.

MAP Organisation Notification

Where the Shipper, Supplier or Meter Asset Manager is amended on a Supply Meter Point that the MAP, as the incumbent entity relating to the installed Meter Asset, they will be informed accordingly by way of the CDSP triggering the **METER ASSET PROVIDER NOTIFICATION (.MAP)** file containing the **MAP NOTIFICATION DETAILS (F01)** & **GENERIC ORG NOTIFICATION (K85)** Records. If multiple entities are changed at the same time, then multiple **GENERIC ORG NOTIFICATION (K85)** records will be populated within the **METER ASSET PROVIDER NOTIFICATION (.MAP)** file under a singular **MAP NOTIFICATION DETAILS (F01)** record.

The issuing of organisation notifications to MAPs is looking to assist them with any billing or investigation work that is needed to be undertaken with relevant parties to ensure the data held on the Supply Point Register is as accurate as possible.

Shipper Notification Overview

Another of these new notifications to industry participants will be sent by the CDSP to the Incumbent/Proposing Shipper informing them of MAP Id appointment/de-appointments. These cover the instances where a MAM provided MAP Id is utilised (due to the Shipper not providing or has provided an invalid MAP Id on their successfully processed RGMA flow) or a Shipper RGMA update being processed post the issuing of the TRF file.

To facilitate this Shipper Notification, a new File Hierarchy has been created **SHIPPER INFORMATION ON MAPS (.SIM)** and will contain an existing **GENERIC ORG NOTIFICATION (K85)** Record. It is proposed that, in the case of both a MAP appointment and de-appointment that 2 **GENERIC ORG NOTIFICATION (K85)** records will be issued at the same time for the same Supply Meter Point, one containing details on the appointed MAP and another containing details for the de-appointed MAP.

As the CDSP is to utilise the existing **GENERIC ORG NOTIFICATION (K85)** Record Type, for the purpose of facilitating this notification exchange, the **GENERIC ORG NOTIFICATION (K85)** Record is, as previously stated, to be updated to include MAP - Meter Asset Provider, (along with SUP - Supplier, SHP - Shipper and MAM - Meter Asset Manager) as allowable values in the **ORGANISATION_TYPE** field.

Links below show the proposed Hierarchy for the **SHIPPER INFORMATION ON MAPS (.SIM)** file for approval by Shippers as part of this Change Pack Representation. The amended marked up version of the existing **GENERIC ORG NOTIFICATION (K85)** record has also been referenced and, as stated in a previous section of this document, we are also seeking Shipper approval.

SIM Hierarchy

K85 Generic Org Notification

The utilisation of the **SHIPPER INFORMATION ON MAPS (.SIM)** file being sent from the CDSP to Shippers will occur in the following scenarios:

MAP Appointment/De-appointment Notification
As part of this solution there is a requirement to inform Shippers of the appointment and de-appointment of MAP Id's relating to Supply Meter Points within their ownership, specifically where a MAP Id has been assigned/updated using data provided to the CDSP from the MAMs (ONJOB/ONUPD files) and not from the Shipper RGMA (JOB/UPD files). If the CDSP populates a MAP Id using MAM provided data, then the CDSP will trigger a **SHIPPER INFORMATION ON MAPS (.SIM)** File containing a **GENERIC ORG NOTIFICATION (K85)** record informing the Shipper of the MAP Id details that have been assigned to the Asset Installed at the Supply Meter Point.

General MAP Notification
In the event of a Shipper Transfer, a Supply Meter Point Ownership Notification (.TRF) file will be issued to the incoming Shipper that informs them of the MAP Id (as specified in the Additional Information section) by way of the **GENERIC ORG NOTIFICATION (K85)** record. However, there is a scenario where the MAP Id could be updated post issuing of the .TRF file and prior to the incoming Shipper becoming the Live on the Supply Point Register (by way of a Shipper JOB/UPD RGMA update or MAM ONJOB/ONUPD update). If these instances occur it is proposed that a **SHIPPER INFORMATION ON MAPS (.SIM)** file containing a **GENERIC ORG NOTIFICATION (K85)** record will be triggered to the Incoming Shipper informing them of the amend to the MAP Id, as this could differ from the value that was sent within the Supply Meter Point Ownership Notification (.TRF) file at D-2 (D = Confirmation Effective Date).

The following link provides a high level overview of the proposed MAP Id processes.

Additional Information

Supply Meter Point Ownership Notification (.TRF)
As previously outlined, the existing **GENERIC ORG NOTIFICATION (K85)** record is being updated to include additional allowable values (SUP - Supplier, SHP – Shipper, MAM - Meter Asset Manager and MAP – Meter Asset Provider) within the **ORGANISATION_TYPE** field and as a result the MAP Id assigned to a Meter Asset on a Supply Meter Point can now be provided to incoming Shippers (via the Supply Meter Point Ownership Notification (.TRF) file). This file will, post implementation of this change, contain an additional **GENERIC ORG NOTIFICATION (K85)** record with the MAP Id details. However, if no MAP Id is available for the installed Meter Asset then no additional **GENERIC ORG NOTIFICATION (K85)** record will be provided in the **SUPPLY METER POINT OWNERSHIP NOTIFICATION (.TRF)** file.

Other File Hierarchy Impacts
As previously stated, the **GENERIC ORG NOTIFICATION (K85)** record is being amended to include additional allowable values (SUP - Supplier, SHP – Shipper, MAM - Meter Asset Manager and MAP – Meter Asset Provider) within the **ORGANISATION_TYPE** field. The **GENERIC ORG NOTIFICATION (K85)** record is present in a number of SPA File Hierarchies and as a result the contents of these files will be impacted due to the addition of MAP Id details being provided where available. However, please note there are no

amendments to the File Hierarchy Formats (Occurrences) for the below listed file types, but these may start to contain additional **GENERIC ORG NOTIFICATION (K85)** records.

CSSC Files

Please note that the amended K85 record will be passed to CSSC for incorporation in the following files

ASN – BASE REGISTRATION NOTIFICATION ASSOCIATION FILE
BRR – BASE REGISTRATION NOMINATION RESPONSE FILE
TMC – TRANSFER AND METER READ COMBINED FILE

UK Link Files

CFR – CONFIRMATION RESPONSE FILE
NMR – NOMINATION RESPONSE FILE
NRF – NOMINATION REFERRAL RESPONSE FILE
CRS – SSMP CONFIRMATION RESPONSE TEMPLATE FILE
TRS – SSMP TRANSFER OF OWNERSHIP NOTIFICATION FILE
SNR – SSMP NOMINATION RESPONSE FILE
TRF – SUPPLY METER POINT OWNERSHIP NOTIFICATION FILE

De-Scoped Requirement

In scope of the original solution, where direct updates into the Supply Point Register were proposed to be carried out by Meter Asset Providers, there was a requirement to cater for bulk updates to the MAP Id data item. These were thought to be in the event of potential MAP to MAP buying/selling of assets. However, as the amended solution now has the source of MAP Id as Meter Asset Managers by way of ONJOB/ONUPD updates, any mass asset transfers between MAPs would need to be fed downstream by the MAPs to MAM, Supplier and Shippers to update the MAP Id on the Supply Point Register accordingly and in line with the above outlined solution.

G6: Associated Changes

Associated Change(s) and Title(s):	XRN4780-A XRN4780-B

G7: DSG

Target DSG discussion date:	20/04/2020
Any further information:	None

G8: Implementation

Target Release:	November 2020 Major Release
Status:	Approved

Please see the following page for representation comments template; responses to uklink@xoserve.com

Section H: Representation Response

H1: Change Representation

(To be completed by User and returned for response)

User Contact Details:	Organisation:	Npower	
	Name:	Sasha Pearce	
	Email:	sasha.pearce@npower.com	
	Telephone:	07881617634	
Representation Status:	Support		
Representation Publication:	Publish		
Representation Comments:	No comments		
Confirm Target Release Date?	Yes	«h1_userDataAlternative»	

H1: Xoserve' s Response

Xoserve Response to Organisations Comments:	Thank you for your representation, we will feed this into ChMC for a final decision.

Please send the completed representation response to uklink@xoserve.com

H1: Change Representation

(To be completed by User and returned for response)

User Contact Details:	Organisation:	EDF
	Name:	Eleanor Laurence
	Email:	eleanor.laurence@edfenergy.com
	Telephone:	07875117771

Representation Status:	See comments	
Representation Publication:	Publish	
Representation Comments:	- 'Xoserve will send a JRS/UPR response to MAMs ONJOB/ONUPD (content, structure & method still to be finalised) – will the MAM to CDSP to MAM changes, file formats, etc form part of this XRN? - 'There is a new shipper flow to inform of MAP ID updates - .SIM file' you state it could be sent where an RGMA update was made post TRF – we didn't think that the old Supplier could update once CO status was reached? - We do not think a new .SIM file should be created. We believe we should remain consistent and keep all metering data in the MRI/PAC by adding the K85 record. This will endure in the TMC file post CSS changes and will be an easier and more consistent change. - We have done some analysis of CoS Scenario for Q1 2020 and did not receive an ONDET or ONUPD in 48% of instances where an ORDET sent. As a result – if MAM is not receiving a response flow, they won't be able to flow any details, let alone MAP ID to suppliers. This needs looking at in industry as this is going to significantly impact the data quality of the MAP ID population very quickly. We believe a lot of this is due to MAMs not being able to communicate with each other due to using different methods of file transfer. This is not just affecting the MAP ID but has a significant impact on metering data quality in general. If the above can be resolved, we would prefer it be enforced that MAMs should send to each other in all instances and then be mandatory for MAMs to send to suppliers (in both ONJOBs and ONUPDs). Until this whole process is improved, there will always be instances where MAMs won't be updating suppliers or CDSP with MAP ID. - You say in the CP that MAM ID will remain blank if not provided, please confirm that where the RGMA update is cosmetic only, MAP ID (if already populated) will remain as the value held already and will not be blanked out	
Confirm Target Release Date?	Yes	«h1_userDataAlternative»

H1: Xoserve' s Response

Xoserve Response to Organisations Comments:	Thank you for your representation for XRN4780-C, these will be discussed at the next available ChMC. Regarding your points surrounding the solution, please see the formal response for each. "Will the MAM to CDSP to MAM changes, file formats, etc form part of this XRN?" – XOS: That is correct, ChMC asked us how we would develop a MAM solution, which is to include response files to the MAM when they issue the CDSP a copy of the ONJOB/ONUPD file(s).

	"There is a new shipper flow to inform of MAP ID updates - .SIM file, you state it could be sent where an RGMA update was made post .TRF – we didn't think that the old Supplier could update once CO status was reached?" – XOS: The proposed .SIM file would be sent to the Shipper after a MAP was associated using the MAM data. As a short term proposal rather than changing the soon to be defunct PAC File, we were proposing to use the .SIM for the purpose of notifying any updates post the issuing of the .TRF if any occur (even after the Shipper goes live updates will be sent via .SIM file). "We do not think a new .SIM file should be created. We believe we should remain consistent and keep all metering data in the MRI/PAC by adding the K85 record. This will endure in the TMC file post CSS changes and will be an easier and more consistent change" – XOS: Existing CSSC file format for .TMC includes K85 instance for MAP Id. As above, the proposed .SIM file will be used to notify Shippers of any MAP Id updates post .TMC issue (which given the revised CSS timescales will mean once the Supply Point is Live). "We have done some analysis of CoS Scenario for Q1 2020 and did not receive an ONDET or ONUPD in 48% of instances where an ORDET sent. As a result – if MAM is not receiving a response flow, they won't be able to flow any details, let alone MAP ID to suppliers. This needs looking at in industry as this is going to significantly impact the data quality of the MAP ID population very quickly." – XOS: We are not expecting the MAP Id to be amended at a CoS event. A MAP is relevant for the lifecycle of the meter unless there is a specific commercial activity between MAPs. Where a MAP Id is not provided in a .UPD, the data held in UKL prior to the CoS event will be retained. "You say in the CP that MAM ID will remain blank if not provided, please confirm that where the RGMA update is cosmetic only, MAP ID (if already populated) will remain as the value held already and will not be blanked out" – XOS: We assume that you intended to reference MAP Id instead of MAM Id. A MAP is relevant for the lifecycle of the meter unless there is a specific update. Where a MAP Id is not provided in a .UPD this will be retained.

Please send the completed representation response to uklink@xoserve.com

Section G: Change Pack

G1: Communication Detail

Comm Reference:	2808.1 - MT - PO
Comm Title:	XRN4780 - Part C - Inclusion of Meter Asset Provider Identity (MAP Id) in the UK Link system (CSS Consequential Change) – Detailed Design Update
Comm Date:	12/04/2021

G2: Change Representation

Action Required:	For Representation
Close Out Date:	26/04/2021

G3: Change Detail

Xoserve Reference Number:	XRN4780-C
Change Class:	System Processing and File Format Changes
ChMC Constituency Impacted:	Shipper Users
Change Owner:	Simon Harris Customer Change Service Development Specialist simon.Harris@xoserve.com 0121 229 2642 Michael Payley Senior Business Analyst (CSSC Programme) michael.payley@correla.com 0121 229 2426
Background and Context:	A key requirement of Ofgem's Central Switching Service (CSS) is to inform industry participants of switching events that are to be or have taken place to ensure relevant entities are reliably made aware and can take appropriate action where needed. Part of the CSS solution will introduce new file flows to Meter Asset Providers (MAPs) to update them on changes to Supplier, but to facilitate this requirement the Central Data Service Provider (CDSP (in their capacity as the Gas Retail Data Agent (GRDA)) will be responsible in sending the CSS the MAP Id associated to a Supply Meter Point. To facilitate this, the CDSP raised XRN4780 to look at the potential processes surrounding MAP Id, how it is to be provided, stored and passed on to CSS to fulfil the obligation. The first step to achieve this was carried out under XRN4780-A where the facility for Shippers to send to the CDSP the MAP Id via

	existing RGMA flows and for the CDSP to store this data within the Supply Point Register as part of June 19 Major Release. The next stage was carried out under XRN4780-B as part of June 20 Major Release and involved the mass population of MAP Id data, provided to the CDSP directly via MAPs as agreed by DSC parties, into the Supply Point Register, along with feeding this into the CDSP reporting system. Within the detailed design Change Pack issued out for XRN4780-C in April 2020 the proposed solution design and file format definitions were described. The Change Pack was later approved by the Change Management Committee (ChMC) in May 2020's extraordinary meeting for implementation in November 2020 major release, however XRN4780-C was later descoped and therefore a new Detail Design Change Pack needed. As a result, please disregard the previously issued Detail Design Change Pack as this will suppressed it in its entirety, with the CDSP seeking re-approval at May 2021's ChMC meeting of the solution outlined within this document. This Change Pack is looking to specify the detailed approach/ solution for receiving MAP Id information from MAM's and give an overview of how the CDSP intends to utilise this data within its systems. This will also cover the proposed end to end lifecycle of the MAP Id data item, however, we are not amending any of the existing process currently in place, we are enhancing this by introducing new flows and updates to relevant parties as part of XRN4780-C, and this is due to be implemented inline with the November 2021 Major Release by the CSSC Programme. The full lifecycle of the MAP Id data item (as understood) is referenced for completeness and context to aid the readers understanding.

G4: Change Impact Assessment Dashboard (UK Link)

Functional:	Supply Pont Register Configuration
Non-Functional:	Increased File Processing Volumes
Application:	SAP ISU, SAP PO & AMT
User(s):	Shipper Users, Meter Asset Managers (MAMs), Meter Asset Providers (MAPs)
Documentation:	File/Record Type, Formats/Hierarchy
Other:	None

Shipper Files (*For DSC Approval*)				
File	Parent Record	Record	Data Attribute	Hierarchy or Format Agreed
SIM	N/A	N/A	N/A	HIERARCHY
SIM	N/A	K85	ORGANISATION_	FORMAT

			TYPE	

Meter Asset Manager Files (*For Information Only*)				
File	Parent Record	Record	Data Attribute	Hierarchy or Format Agreed
ONU	*N/A*	*N/A*	*N/A*	*N/A**
UPD	*N/A*	*N/A*	*N/A*	*N/A**
UPR	*N/A*	*N/A*	*N/A*	*N/A**
ONJ	*N/A*	*N/A*	*N/A*	*N/A**
JOB	*N/A*	*N/A*	*N/A*	*N/A**
JRS	*N/A*	*N/A*	*N/A*	*N/A**
CMT	*N/A*	*N/A*	*N/A*	*N/A**
CMO	*N/A*	*N/A*	*N/A*	*N/A**

The above files have been included for **reference only. These are not files governed within the UK Link Manual but are governed under their respective codes (SPAA/MAMCoP/REC). No changes are proposed to these hierarchy or file format structures as part of this Detail Design Change Pack, all files sent/received within the outlined process are expected to conform to agreed industry structure/formats.*

Meter Asset Provider Files (*For DSC Approval*)				
File	Parent Record	Record	Data Attribute	Hierarchy or Format Agreed
MON	N/A	N/A	N/A	HIERARCHY
MON	N/A	F01	N/A	FORMAT
MON	F01	F02	N/A	FORMAT
MON	F01	F03	N/A	FORMAT

G5: Change Design Description

Overview

The solution option defined within this Detailed Design Change Pack is to receive MAP Id information for Supply Meter Points from MAMs. It is proposed that this is a copy of the data that a MAM provides to Suppliers under RGMA (as set out in SPAA) or an alternative CDSP Meter Technical Details file (as set out in MAMCoP).

The provided MAM data will be stored within CDSP system(s) and be used to populate the MAP Id field where required (i.e. where no valid MAP Id data item is received from the Shipper within existing RGMA flows). Once the Metering details in the UK Link system have been updated (via Shipper RGMA flows) the CDSP will, where MAP Id is missing or

invalid, align the Shipper update to the Metering details received from the MAMs and populate the MAP Id accordingly, where provided.

It is also the CDSP's intention to inform Shipper & Meter Asset Provider (MAP) entities of any changes to data that ties in with the ongoing maintenance of the MAP Id within the CDSP systems, such as, but not limited to, changes to Supplier/Meter Asset Manager/Meter Asset Provider entities held on the Supply Point Register, which will also involve new interfaces and file/record formats.

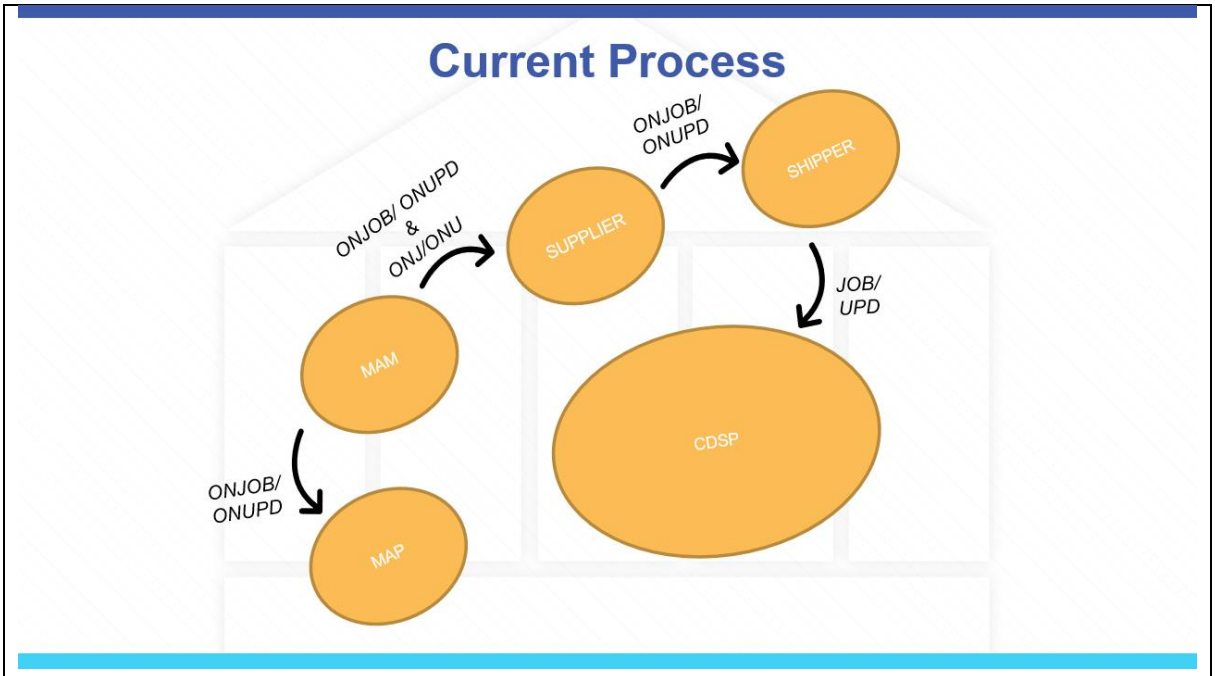
Current Process

Currently, at a high level, the end to end lifecycle of the MAP Id data item and the processes that underpin it (as understood) are as follows:

- A Supplier requests a MAM to undertake work at a Supply Meter Point, this may include such works as Installation/Exchange/Removal/Reposition etc. of meter assets.
- The appointed MAM then carries out the required work and sends an ONJOB/ONUPD flow (or via other agreed format(s)) to the Supplier and notifies the MAP whose asset has been installed. The MAM to Supplier RGMA Transactions are required to provide the MAP Id, e.g. G0201 Notification of Measuring Asset Installation indicates that "Market Participant Group (008) identifying the Asset Provider is mandatory for Metering Assets".
- Once the Supplier has received the ONJOB/ONUPD flow from the MAM, they update their system(s) accordingly and pass the flow onto the appropriate Shipper responsible for the Supply Meter Point.
- Once the Shipper has received the ONJOB/ONUPD flow from the Supplier, they update their system(s) accordingly and then subsequently trigger the sending of JOB/UPD RGMA flow(s) to the CDSP.
- Once the CDSP has received the JOB/UPD RGMA File(s) from the Shipper, the CDSP will (once the records pass the appropriate validation steps) update the Supply Point Register with the details contained with the JOB/UPD RGMA File(s) that may contain the MAP Id.

The JOB/UPD RGMA files received from the Shipper may not contain the MAP Id information due to the **Market Participant: ASSPR - Asset Provider** data segment being optional, so in effect Shipper are not currently obligated to provide this information to the CDSP. Prior to implementation of XRN4780-A in June 19's Major Release, **Market Participant: ASSPR - Asset Provider** data segment was classed as an 'irrelevant dataset' within the Shipper to CDSP RGMA flows, so Shippers may not have re-configured their transactions following implementation of XRN4780-A. It is however encouraged that, if the Shipper is passed the MAP Id via the MAM/Supplier files, that this is then passed to the CDSP via RGMA flows accordingly.

The below provides a high level overview of the current MAP Id process as it is understood.



Please Note: The term 'Valid MAP Id' is used throughout this document and it refers to a Market Participant Identity fulfilling a Meter Asset Provider Market Role within the MDD Market Participant Identity table. All MAPs were required to be recorded as part of the migration to UNC mastering Market Participant identities as per UNC Modification 0682.

Amended Process

ChMC preferred the solution option that the CDSP obtain the MAP Id data item directly from the Meter Asset Managers to help supplement data being received from the Shippers by way of JOB/UPD RGMA flows. Please note that where the Shipper has provided a valid MAP Id, this will take precedent over any MAM provided MAP Id details for the same Supply Meter Point/Meter Serial Number flow.

MAM Inbound File Flow

The proposed solution will require MAMs to send a copy of their RGMA files (that are currently issued to Suppliers) to the CDSP as per SPAA SCP 496 (expected to be JOB/UPD/ONJ/ONU). Please note that where a MAM does not currently provide these details to the Supplier via recognised RGMA flows (as per SPAA SCP 496) then, they must provide to the CDSP, as per MAMCoP Change 20 022, a completed CDSP Meter Technical Details (.CMT) file with the required data contained within.

Please note that MAM RGMA (JOB/UPD/ONJ/ONU) and CDSP Meter Technical Details (.CMT) files are not governed under the UK Link Manual and therefore we are not seeking approval of these within this Detail Design Change Pack, they are referenced for information only. The obligation on the MAMs to provide these files to the CDSP, and therefore the structure/contents of which are governed under their respective codes, SPAA (implemented as part of SCP 496) and MAMCoP (seeking approval via Change 20 022) respectfully.

Once MAM provided file(s) have been received by the CDSP standard generic file format validation will be undertaken, in addition to this, basic record level validation will be carried out on the provided data (this will be a stripped-down version of validation carried out on Shipper provided RGMA flows), and will cover the following validation checks:

- Meter Point Reference Number (MPRN) matches with one on the Supply Point Register
- Effective Date of the Meter Works is not a future date
- Effective Date of the Meter Works is a valid date
- Submitting MAM is registered in the MDD MP Id table
- The MAP Id provided is valid

It is not the CDSPs intention that all data contained within the MAM provided file(s) are subject to detailed validation (as per the Shipper provided RGMA files) as the data received will not be used to update the Supply Point Register directly. The data will be stored in order to allow the matching of meter technical details in the UK Link system, to then update the MAP Id in the Supply Point Register where appropriate.

The structure of the CDSP Meter Technical Details (.CMT) file has been referenced for information only, we are not seeking approval as part of this Detail Design Change Pack as this will not be governed under the UK Link Manual. The file name/extension/structure is to be reviewed and approved as part of MAMCoP Change 20 022.

MAM Outbound File Flow

Once the validations have been completed the CDSP will issue a **MAM RNJOB/RNUPD RESPONSE (.JRS/.UPR respectively)** or **.CMO** (in response to the .CMT file) notifying them of which transactions have been accepted or rejected. Reason codes/descriptions will be provided with rejected transactions to assist the MAMs in resolving exceptions prior to potential resubmission. The CDSP will load all accepted data into the CDSP system(s) for potential future use with regards to MAP Id population, as detailed in subsequent sections.

The structure of the CDSP Meter Technical Details Response (.CMO) file has been referenced for information only, we are not seeking approval as part of this Detail Design Change Pack as this will not be governed under the UK Link Manual. The file name/extension/structure/rejection codes are to be reviewed and approved as part of MAMCoP Change 20 022.

Utilisation of MAM provided MAP Id

It is expected that MAMs will be sending RGMA/CMT files directly to the CDSP at the same time as they send the Supplier flows. Due to this the CDSP is expecting a delay before the Shipper updates the Supply Point Register with the corresponding RGMA JOB/UPD files.

The Shipper (as per UNC) will remain responsible for updating Asset Details on the Supply Point Register and this will not be changing as a result of any processes introduced as part of XRN4780-C. For clarification, the CDSP will not directly update asset details on the Supply Point Register from MAM provided RGMA file flows.

The CDSP will store the MAM provided data and wait for a corresponding Shipper JOB/UPD RGMA update to be received and be successfully processed, before potentially acting and using the MAM data to populate the MAP Id into the core Supply Point Register.

Where multiple updates have been provided by a MAM, the most recent record for the MPRN and Meter Serial Number will be used, any previous records will not be considered.

Data Population Scenarios

The below lists the scenarios as to when the MAM provided MAP Id will, or will not, be used to populate data into the core Supply Point Register. The lookup of MAM data will be based on there being a direct match across the MRPN and Meter Serial Number with successful Shipper provided RGMA data.

Scenario 1:
Where a Shipper has successfully updated the Supply Point Register with a JOB/UPD RGMA flow that contains a Valid MAP Id then this will be used to populate the MAP Id for that specific Asset/Supply Meter Point from the effective date of the processed JOB/UPD RGMA transaction and the MAM data (if provided) will remain unused.

Scenario 2:
Where a Shipper has successfully updated the Supply Point Register with a JOB/UPD RGMA flow that does not contain a MAP Id (or contains an invalid MAP Id) then the CDSP will look for a corresponding MAM update against the Metering details recorded in UKL based on the MPRN and Meter Serial Number and, if found, the MAP Id will be taken from the MAM data and used to populate the MAP Id for that specific Asset/Supply Meter Point from the effective date of the processed JOB/UPD RGMA transaction from the Shipper. The CDSP will not use the effective date that was provided by the MAM.

Please note that if no corresponding record can be found within the MAM data, then no MAP Id will be populated for that specific Asset/Supply Meter Point on the Supply Point Register and the MAP Id field will remain blank.

Scenario 3:
In the instances of missing MAP Id within the Supply Point Register (as updated by the Shipper via JOB/UPD RGMA flows) if, at a later date, the MAM provides a corresponding file containing a valid MAP Id for the Metering details recorded in the Supply Point Register (based on the MPRN and Meter Serial Number), the CDSP will not use this MAM provided MAP Id to populate the missing MAP Id.

Scenario 4:
Where the MAM has provided the CDSP with an update for a specific Asset/Supply Meter Point but no corresponding Shipper update (via JOB/UPD RGMA flows) is received and successfully processed into the Supply Point Register, the CDSP will take no further action. The MAM update will be stored to potentially be used at a later date (if the Shipper successfully processed an RGMA flow), however the MAM data would be available and reportable if it is decided that it be of industry benefit in the future.

Additional Notifications

For the end to end process of maintaining MAP Id data item outlined within this Detail Design Change Pack, additional notifications are to be sent to relevant parties (Shippers and MAPs) to assist the industry with keeping records and systems aligned as possible for the purpose of query management and ensuring MAP Id is being populated as accurately as possible into the Supply Point Register.

MAP Notification Overview (.MON file)
One of these new notifications will be sent by the CDSP to Meter Asset Providers informing them of MAP Id appointment/de-appointments, Asset Details held on the Supply Point Register (provided to the CDSP by the Shippers) and Organisation details relating to

Suppliers and MAMs, along with changes to such information that occurs on the Supply Point Register while they are the incumbent MAP assigned to a Meter Asset installed on a Supply Meter Point.

To facilitate the new notifications being sent out to MAPs, a new File Hierarchy has been created. This File has been named **METER ASSET PROVIDER NOTIFICATION (.MON)** and includes 3 new Record Types **MAP NOTIFICATION DETAILS (F01)** & **ASSET DETAILS (F02)** and **ORG DETAILS (F03)**.

*Please note that the name of the file has been updated to **.MON** since the April 2020 Detail Design Change Pack due to conflicts with other files processed between MAPs.*

The structure of the new .MON file and records contained with are set out below. We will be seeking approval from ChMC for these new file/record types in accordance with DSC/UK Link Manual procedures.

.MON Hierarchy

F01 / F02 / F03 Record Formats:

F01 – MAP NOTIFICATION DETAILS RECORD V0.1FA
F02 – ASSET DETAILS RECORD V0.1FA
F03 – ORG DETAILS RECORD V0.1FA

The utilisation of the **METER ASSET PROVIDER NOTIFICATION (.MON)** file being sent from the CDSP to Meter Asset Providers will occur in the following scenarios:

MAP Appointment/De-appointment Notification
Where a MAP Id has been populated/amended on the CDSP System (via either a Shipper provided JOB/UPD RGMA or a MAM provided RGMA/CMT flow) a **METER ASSET PROVIDER NOTIFICATION (.MON)** is to be sent to the Appointed MAP and if applicable the De-appointed MAP notifying them accordingly, details of which will be contained within the **MAP NOTIFICATION DETAILS (F01)** record.

This flow is also proposed to provide details of the Meter Asset installed on the Supply Point Register for the Appointed MAP and, where applicable, details of the removed Meter Asset for the De-appointed MAP, and this will be displayed utilising the **ASSET DETAILS (F02)** Record.

This flow is also proposed to provide details of the Supplier & MAM registered on the Supply Point Register in relation to the Supply Meter Point that the MAP has been Appointed. This will be displayed utilising the **ORG DETAILS (F03)** Record. Please Note that, in accordance with CoMC governed DPM Conditionality Document, Start/End Dates for MAM/Supplier details are to only be provided for Domestic Supply Meter Points that span the MAP appointment dates. MAPs will also be notified (via F03) of who the existing Supplier/MAM entities are for Non-Domestic Supply Meter Points, but no Start/End dates are to be provided that reside outside of the MAP appointment dates.

In the instances of the Shipper processing a successful JOB/UPD RGMA flow for a Removal only, then a **METER ASSET PROVIDER NOTIFICATION (.MON)** notification will be sent to the de-appointed MAP only, details of which will be

contained within the **MAP NOTIFICATION DETAILS (F01)** record and details of the removed meter asset will be displayed utilising the **ASSET DETAILS (F02)** Record.

MAP Asset Changes Notification

Along with informing the MAP(s) of their appointment and de-appointment, the **METER ASSET PROVIDER NOTIFICATION (.MON)** file will also be triggered to inform them of any cosmetic updates to the Meter Asset Details held on the Supply Point Register, where they are recorded as the MAP. We would propose that this is for a limited set of Meter Technical Details i.e. updates to Meter Serial Number; Manufacturer; Model etc. If additional data items would need to be notified, we specifically request representations to define such data items. This will be displayed within the **.MON** file utilising the **ASSET DETAILS (F02)** Record.

MAP Organisation Notification

Where the Supplier or Meter Asset Manager is amended on a Supply Meter Point that the MAP, as the incumbent entity relating to the installed Meter Asset, they will be informed accordingly by way of the CDSP triggering the **METER ASSET PROVIDER NOTIFICATION (.MON)** file containing the **MAP NOTIFICATION DETAILS (F01)** & **ORG DETAILS (F03)** Records. If multiple entities are changed at the same time, then multiple **ORG DETAIL (F03)** records will be populated within the **METER ASSET PROVIDER NOTIFICATION (.MON)** file under a singular **MAP NOTIFICATION DETAILS (F01)** record. Please Note that, in accordance with CoMC governed DPM Conditionality Document, Start/End Dates for MAM/Supplier details are to only be provided for Domestic Supply Meter Points that span the MAP appointment dates. MAPs will also be notified (via F03) of who the existing Supplier/MAM entities are for Non-Domestic Supply Meter Points but Start/End dates are not to be provided where these reside outside of MAP appointment dates.

Please Note: If a Shipper RGMA is received and successfully processed with a historical effective date, and there has been multiple Supplier/MAM changes post this effective date, the CDSP will only notify the appointed MAP of the current Supplier/MAM only.

The issuing of organisation notifications to MAPs is looking to assist them with any billing or investigation work that is needed to be undertaken with relevant parties to ensure the data held on the Supply Point Register is as accurate as possible, however these are to align to expectations of the DSC Contract Management Committee (CoMC).

Shipper Notification Overview (.SIM file)

Another of these new notifications to industry participants will be sent by the CDSP to the Incumbent/Proposing Shipper informing them of MAP Id appointment/de-appointments. These cover the instances where a MAM provided MAP Id is utilised (due to the Shipper not providing or has provided an invalid MAP Id on their successfully processed RGMA flow) or a Shipper RGMA update being processed post the issuing of the TRF file.

To facilitate this Shipper Notification, a new File Hierarchy has been created **SHIPPER INFORMATION ON MAPS (.SIM)** and will contain an existing **GENERIC ORG NOTIFICATION (K85)** Record. It is proposed that, in the case of both a MAP appointment and de-appointment that two **GENERIC ORG NOTIFICATION (K85)** records will be issued at the same time for the same Supply Meter Point, one containing details on the appointed MAP and another containing details for the de-appointed MAP.

As the CDSP is to utilise the existing **GENERIC ORG NOTIFICATION (K85)** Record Type, for the purpose of facilitating this notification exchange, the **GENERIC ORG NOTIFICATION (K85)** Record is, as previously stated, to be updated to include MAP - Meter Asset Provider, as allowable values in the **ORGANISATION_TYPE** field.

Links below show the proposed Hierarchy for the **SHIPPER INFORMATION ON MAPS (.SIM)** file for approval by Shippers as part of this Change Pack Representation. The amended marked up version of the existing **GENERIC ORG NOTIFICATION (K85)** record has also been referenced and, as stated in a previous section of this document, we are also seeking DSC approval.

The structure of the new .SIM file is as below:

.SIM Hierarchy

Updated K85 Generic Org Notification record format:

K85 GENERIC ORG NOTIFICATION V2FA

The utilisation of the **SHIPPER INFORMATION ON MAPS (.SIM)** file being sent from the CDSP to Shippers will occur in the following scenarios:

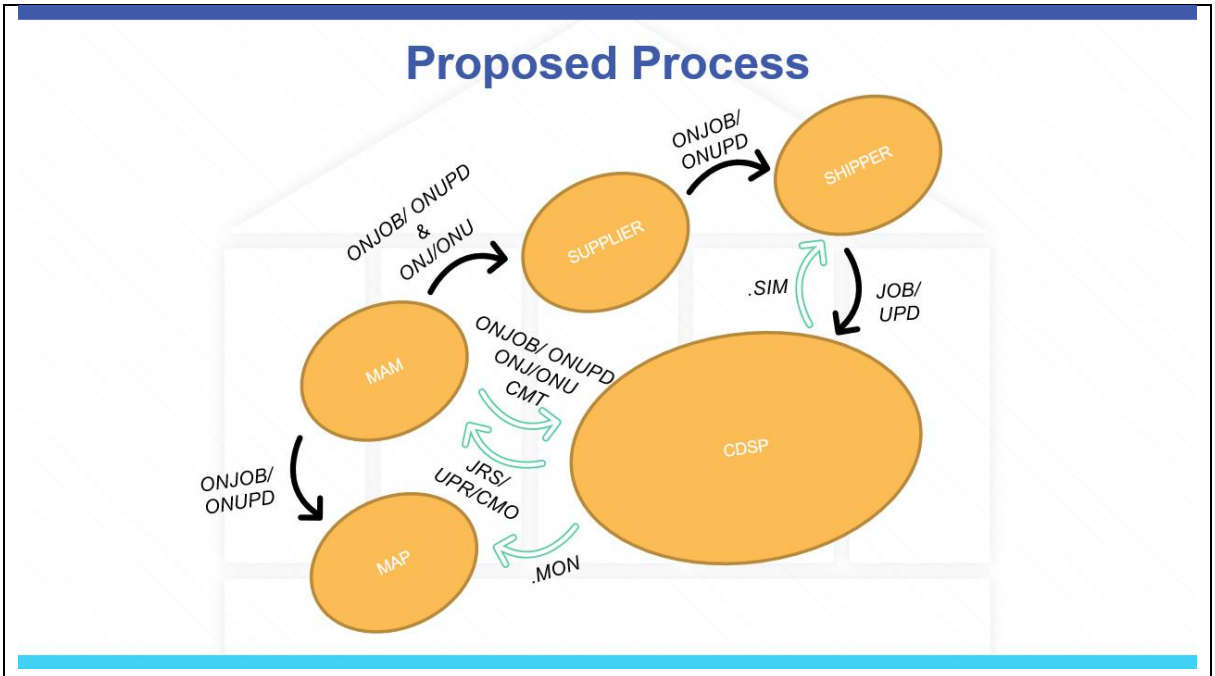
MAP Appointment/De-appointment Notification

As part of this solution there is a requirement to inform Shippers of the appointment and de-appointment of MAP Id's relating to Supply Meter Points within their ownership, specifically where a MAP Id has been assigned/updated using data provided to the CDSP from MAMs files and not from the Shipper RGMA (JOB/UPD files). If the CDSP populates a MAP Id using MAM provided data, then the CDSP will trigger a **SHIPPER INFORMATION ON MAPS (.SIM)** file containing a **GENERIC ORG NOTIFICATION (K85)** record informing the Shipper of the MAP Id details that have been assigned/unassigned to the Asset Installed at the Supply Meter Point.

General MAP Notification

In the event of a Shipper Transfer, a Supply Meter Point Ownership Notification (.TRF) file will be issued to the incoming Shipper that informs them of the MAP Id (as specified in the Additional Information section) by way of the **GENERIC ORG NOTIFICATION (K85)** record. However, there is a scenario where the MAP Id could be updated post issuing of the .TRF file and prior to the incoming Shipper becoming the Live on the Supply Point Register (by way of a Shipper JOB/UPD RGMA update or MAM update). If these instances occur it is proposed that a **SHIPPER INFORMATION ON MAPS (.SIM)** file containing a **GENERIC ORG NOTIFICATION (K85)** record will be triggered to the Incoming Shipper informing them of the amend to the MAP Id, as this could differ from the value that was sent within the Supply Meter Point Ownership Notification (.TRF) file at D-2 (D = Confirmation Effective Date).

The following link provides a high level overview of the proposed MAP Id processes.



Additional Information

Supply Meter Point Ownership Notification (.TRF)

As previously outlined, the existing **GENERIC ORG NOTIFICATION (K85)** record is being updated to include an additional allowable value (MAP – Meter Asset Provider) within the **ORGANISATION_TYPE** field and as a result the MAP Id assigned to a Meter Asset on a Supply Meter Point can now be provided to incoming Shippers (via the Supply Meter Point Ownership Notification (.TRF) file). This file will, post implementation of this change, contain an additional **GENERIC ORG NOTIFICATION (K85)** record with the MAP Id details. However, if no MAP Id is available for the installed Meter Asset then no additional **GENERIC ORG NOTIFICATION (K85)** record will be provided in the **SUPPLY METER POINT OWNERSHIP NOTIFICATION (.TRF)** file.

Other File Hierarchy Impacts

As previously stated, the **GENERIC ORG NOTIFICATION (K85)** record is being amended to include an additional allowable value (MAP – Meter Asset Provider) within the **ORGANISATION_TYPE** field. The **GENERIC ORG NOTIFICATION (K85)** record is present in a number of SPA File Hierarchies and as a result the contents of these files will be impacted due to the addition of MAP Id details being provided where available. However, please note there are no amendments to the File Hierarchy Formats (Occurrences) for the below listed file types, but these may start to contain additional **GENERIC ORG NOTIFICATION (K85)** records.

CSSC Files

Please note that the amended K85 record will be passed to CSSC for incorporation in the following files

ASN – BASE REGISTRATION NOTIFICATION ASSOCIATION FILE
BRR – BASE REGISTRATION NOMINATION RESPONSE FILE
TMC – TRANSFER AND METER READ COMBINED FILE

UK Link Files

CFR – CONFIRMATION RESPONSE FILE
NMR – NOMINATION RESPONSE FILE
NRF – NOMINATION REFERRAL RESPONSE FILE

CRS – SSMP CONFIRMATION RESPONSE TEMPLATE FILE **TRS** – SSMP TRANSFER OF OWNERSHIP NOTIFICATION FILE **SNR** – SSMP NOMINATION RESPONSE FILE **TRF** – SUPPLY METER POINT OWNERSHIP NOTIFICATION FILE *De-Scoped Requirement* In scope of the original solution, where direct updates into the Supply Point Register were proposed to be carried out by Meter Asset Providers, there was a requirement to cater for bulk updates to the MAP Id data item. These were thought to be in the event of potential MAP to MAP buying/selling of assets. However, as the amended solution now has the source of MAP Id as Meter Asset Managers by way of RGMA updates, any mass asset transfers between MAPs would need to be fed downstream by the MAPs to MAM, Supplier and Shippers to update the MAP Id on the Supply Point Register accordingly and in line with the above outlined solution.

G6: Associated Changes

Associated Change(s) and Title(s):	XRN4780-A XRN4780-B XRN5188

G7: DSG

Target DSG discussion date:	26/04/2021
Any further information:	None

G8: Implementation

Target Release:	November 2021
Status:	For Approval

Please see the following page for representation comments template; responses to uklink@xoserve.com

Section H: Representation Response

H1: Change Representation

(To be completed by User and returned for response)

User Contact Details:	Organisation:	E.ON
	Name:	Kirsty Dudley
	Email:	Kirsty.Dudley@eonenergy.com
	Telephone:	07816172645
Representation Status:	NA	
Representation Publication:	Publish	
Representation Comments:	We are in support of the developments which allow the MAP ID to be updated and maintained in central systems. We would like to raise the following points: • We would have liked the solution to also include a scenario where the IGTs are also the MAM and there has been a network sale. The network is updated by the STN file, but the MAP ID doesn't get updated unless there is an RGMA flow. There is a risk of the updates not occurring, so the data is not current. We would like to see a more efficient process explored for 'phase 2' developments. We recognise this is likely to be dual governance with the REC. • Similar to the network sales, where MAPs sell portfolios, we would like to see a more efficient process to avoid future data issues. Again, we recognise this is likely to be dual governance with the REC. Currently MAPs have been utilising the interim data loads as a mechanism to update the data and we are concerned that once this activity stops the updates might not occur. • We are concerned there is no reporting to accompany the delivery of this solution. We would encourage a DDP sprint to include MI and believe there is time to align with the November implementation. We would like to see reporting which identifies where the MAM/Shipper data aligns (verifies data quality), also where it differs or is missing (either Shipper or MAM). This would identify the main issues for data quality issues and give a basis to focus 'phase 2' improvements on. The data quality is likely to be REC governance rather than UNC (as it isn't settlement but may impact settlement where assets are incorrect) and we believe the reporting will be a great tool to correct direct evolution of this process. • We are concerned that blank/inaccurate MAP IDs could	

	degrade the solution, especially as there is no current reporting to identify where this has occurred. • Where issues are identified in the data, we aren't sure how retrospective issues will be addressed, would this again be a point for 'phase 2' (working with the REC) and dependant on the reporting? • We are concerned that the design sees gaps in the effective date information and that some will end up containing blanks. We recognise why this approach is suggested but we would like to see a post implementation review (approx. 3 months after) to see how many times the 'happy path' has not been followed and work with the REC to improve the solution. • We understand the DES design is to display the current MAP information only, rather than the MAP history (so doesn't show where there has been e.g. a change via a network sale). We believe this is still available via reporting but when compared to what is available to MAPs via ECOES it isn't as informative. We believe this should be aligned and further explored as part of the 'phase 2' developments. • We believe the solution also extends to processes such as Unique Sites and Prime/Subs so just require confirmation this assumption is correct and there are no different business rules for these? • We'd also like to confirm the 'vanilla file' names/extensions for Suppliers, we believe these are CMT and CMO, but they weren't outlined in the previously approved comms so wanted to ensure it was confirmed ahead of go-live.	
Confirm Target Release Date?	Yes	«h1_userDataAlternative»

H1: Xoserve' s Response

Xoserve Response to Organisations Comments:	Thank you for your response to the Detail Design Change Pack for XRN4780-C, your support has been noted and will be presented at the Extraordinary ChMC on the 5th May 2021. We have reviewed your detailed points and have provided individual responses accordingly. 1. We acknowledge that the solution under XRN4780-C does not directly cover the scenario of a network sale event and the potential need for MAP Id updates to assets held within the Supply Point Register as a result. However, the solution does allow for MAP Id updates, so any amendments needed to the MAP Id post implementation of XRN4780-C can be accomplished via standard RGMA processing via the Shipper/MAM, although there is a risk that not all updates will flow successfully through to the CDSP via this route. 2. As seen previously, asset sales between MAPs that have not resulted in a migration of the MAP Id as a whole (company acquisition) is rare. As a result, this scenario has not been directly addressed within the solution set out for XRN4780-C, however, it is expected that Shippers/MAMs are expected to update the MAP Id

	on UK Link via RGMA flows if this was to occur post implementation. 3. Reporting output has not been considered within the solution of XRN4780-C, however the solution is being designed to ensure potential future reporting can be accommodated. One of the considerations for this is that data to be received from MAMs is currently unknown, scoping requirements for the inclusion of reporting/assuring MAM data against Shipper provided flows could be regret spend and require re-work. It is also not yet understood the scope of REC reporting and the CDSPs involvement in such, which if progressed with at this stage could duplicate effort and increase costs. It has always been the CDSPs aim as a result of XRN4780-C to increase reporting in the RGMA space across the interested parties to aid data quality throughout the industry, but how this solidifies is currently not know but avenues are being investigated. DDP is something that could be utilised to provide MI in this regard, however this is Shipper prioritised and a separate request raised in order for this to be added to the appropriate DDP sprints, but the same considerations will apply. 4. Concerns surrounding blank MAP Ids for both Shipper & MAM flows degrading the data within UK Link is noted and a known risk to the solution. DSC's decision to subsidise the MAP Id data from the MAMs, as they are obligated under SPAA RGMA/MAMCoP files to provide MAP Id (mandatory data item) is thought to mitigate this risk. Monitoring of this submission is expected in line with REC performance assurance initiatives, with a view to proposing improvements to processes across the industry. 5. It is assumed that this relates to issues with the MAP Id recorded on UK Link and if it is deemed the incorrect MAP Id was provided to the CDSP by the Shipper/MAM then it would, as per the solution, require another RGMA update to be passed to the CDSP from the Shipper. 6. It is assumed that refers to the potential of multiple timeslices being created within UK Link in reference to MAP Id on the same asset. This is a known consequence on how the updates are to be processed by the CDSP from the information provided by Shippers/MAMs. As per discussions with CoMC, the CDSP cannot assume MAP ownership of an asset if it has not been directly informed as such by the parties deemed responsible for the maintenance of the data item. 7. MAP Id stored within UK Link is assigned to the asset itself and not the MPRN (but association with the MPRN via the asset). Visibility of MAP Id in DES is the current value (if available) due to the location of the data item within the DES screens and the requirements that were provided at the time (XRN4801). Changes to this MAP Id display/functionality within DES is not in scope of the solution under XRN4780-C. 8. This is correct, however, as with RGMA processing for Supply Point such as Prime/Sub etc, these are handled and

	updated manually by the CDSP, but will follow the same logic as the automated solution described within the Detail Design Change Pack. This is correct, at the time of issuing of the previous Detail Design Change Pack in April-2020 the file extensions in relation to the 'Vanilla File' were not known and therefore not included. Please note that although these have been referenced within the revised Detail Design Change Pack, these are still proposed values and are subject to change as they have not yet been formally approved by MAMCoP.

Please send the completed representation response to uklink@xoserve.com

H1: Change Representation

(To be completed by User and returned for response)

User Contact Details:	Organisation:	CMAP
	Name:	Lynne Hargrave
	Email:	Lynne.hargrave@calvincapital.com
	Telephone:	07741907437
Representation Status:	N/A	
Representation Publication:	Publish	
Representation Comments:	Representation Comments: We do not believe that the solution proposed by this change pack is sufficiently robust to ensure that the data integrity of the MAP ID field is maintained in the long term. Data accuracy is essential to the use of the MAP ID data by the Central Switching System which has driven this consequential change. We believe that XOServe need to give further consideration to the following points: 1. Mandation of the MAP ID field in all RGMA data flows - We believe that currently the MAP ID field is mandatory in the MAM to supplier ONJOB flow but is not mandated in any other RGMA flows including the supplier to shipper and shipper to CDSP ONJOB flows. XOS must mandate the MAP ID in all these ONJOB flows to ensure that the MAP ID data makes its way successfully into the CDSP. Without this mandation existing evidence shows that the MAP ID data in CDSP does not get updated by shippers 2. Rejection of RGMA flows that do not contain the mandated MAP ID – the MAP ID data item must be given the same priority as	

	any other mandated data item and flows must be rejected if this data item is missing. This will ensure that all industry parties pass the MAP ID information onto the next party and will ensure that the central CDSP system contains up to date information. 3. Monitoring of performance of industry parties in providing the MAP ID information – without effective monitoring and enforcement industry parties will continue to fail to follow the rules which can not be allowed to happen if the CDSP is to maintain the data accuracy of MAP ID data in the longer term. Monitoring and enforcement must be applied to the provision of flows by both MAMs and Shippers to the CDSP to ensure timely and accurate data flows are maintained within the industry. 4. New Meter Installations - XOServe need to ensure that every single new meter installed has a MAP ID allocated to the meter point where the meter is located in CDSP. Any installation flow that does NOT contain a valid MAP ID MUST be rejected by CDSP. 5. Maintaining existing MAP ID data in the system - once every meter point has a MAP ID allocated against it we need to make sure that the link between the MAP ID and the meter at that meter point is never broken or changed. 6. Preventing the replacement of valid MAP ID data - If a meter point has a MAP ID assigned and a later RGMA flow replaces this ID with a blank entry, a void entry or an alternative MAP ID, but there is no change in the meter serial number assigned to that meter point, then the system MUST retain the existing MAP ID. MAP ID on an existing meter will not change over time except in the rare event of a MAP sale of assets which is covered in point (13) below. 7. Validation Checks on the MAM flow to CDSP – when the MAM flow is validated, CDSP must check that a MAP ID has been provided and reject the flow if this is missing. We would also recommend that the MAP ID provided is compared to data already held by the CDSP in line with point (6) above. 8. Use of the MAM provided data – How long will the CDSP wait for a corresponding Shipper JOB/UPD RGMA update to be received before using the MAM data to populate the MAP Id into the core Supply Point Register? The length of the wait needs to be restricted to ensure that the CDSP is updated in a timely manner. If a large time delay is introduced then this could result in CSS switching notifications going to the incorrect MAP. 9. Validation Checks on the Shipper flow to CDSP – in Scenario 1 of the data population scenarios you state that when the Shipper updates the Supply Point Register with a JOB/UPD RGMA flow that contains a Valid MAP Id then this will be used to populate the MAP Id. Please can you define the term MAP ID and also detail any validation done on the MAP Id provided by the shipper. As per (6) and (7) above we believe that the MAP Id provided should be

	validated against any data already held by the CDSP relating to that meter point and meter serial number. 10. MAM data received after a shipper flow has created a blank MAP ID field – in Scenario 3 you state that a valid MAP Id provided by the MAM will not be used to populate the MAP Id field if a shipper flow has already set the MAP Id to blank. We believe that this approach is incorrect and the MAM provided value should be used to correct the blank record. This will help to maintain MAP Id when the RGMA flow population route has failed rather than allowing that failure to disrupt the MAP Id field maintenance. 11. Use of MAM provided data where no corresponding Shipper update is provided – Scenario 4 sets out that MAM provided data will be ignored if there is no corresponding Shipper flow. Again we believe that this approach is wrong and a MAM flow with no matching shipper flow should then prompt the CDSP to follow up with the Shipper to remedy the non-provision of a flow rather than ignoring the event. 12. Comparison of MAM and Shipper data flows to CDSP - Ignoring data provided directly to CDSP by MAMs where it doesn't correspond to an identical flow from the Shipper will allow industry data held by CDSP to be out of line with the actual equipment on sites as data updates will be missed. Rather the CDSP should be using the mis-match of data flows between the MAM and the Shipper to identify situations when data updates are being missed and identify where the existing RGMA flow route (MAM to Supplier to Shipper to CDSP) the update is failing to progress. 13. Bulk Updates to MAP Ids - Sales of assets from one MAP to another is an exceptional event (it has never happened so far and if it did then the new MAP would most likely inherit and retain the existing MAP ID and so not require any changes to industry data). Bulk change of MAP ID due to sale of assets should be a separate process administered by XOServe and permitted by shippers. This is the most efficient way to ensure that bulk change in exceptional circumstances can be carried out and data accuracy maintained. MAPs trying to effect this change via supplier or MAM contacts is ineffective and will not be capable of capturing all the data changes required and must not be relied on by industry parties. 14. Ability of MAPs to notify when CDSP held data is incorrect - There is no mechanism for any industry party (other than the shipper who has no inherent interest in the accuracy of the MAP Id field) to query incorrect MAP Id data and get data errors corrected. XOServe need to consider introducing a new mechanism to enable MAP Id data to be updated in some circumstances where it can be shown to be incorrect. The current mechanism requires a MAP to notify the MAM/Supplier that the MAP Id data is incorrect and then request them to send a data flow through the system (MAM to Supplier to Shipper to CDSP) to correct the data error. This method is impractical, time-consuming to all parties involved and prone to the usual data flow failures when data is not passed on through the system in a timely manner. We believe that the availability of a

	corrective facility to MAPs will enable MAP Id data accuracy to be maintained in the longer term and compensate for other shortcomings in the data flow and data update processes proposed to be used for the MAP Id data. We welcome the opportunity to comment on this proposal put forward by XOServe and hope that XOServe can provide resolution on each of the points we have raised above. This is an opportunity for XOServe to provide a new robust system for maintaining the MAP Id data held by CDSP so as to ensure that data accuracy is maintained in the longer term. We do not believe that data accuracy will be maintained at a sufficient level if the points we raise above are not actioned by XOServe as part of the solution provided.	
Confirm Target Release Date?	N/A	«h1_userDataAlternative»

H1: Xoserve' s Response

Xoserve Response to Organisations Comments:	Thank you for your response to the Detail Design Change Pack for XRN4780-C. Scope of this change has been set by DSC and therefore variation of such would not be supported for implementation in November-21, without increased costs and potential delay in implementation. We have reviewed your detailed points, have provided individual responses accordingly and your concerns have been noted for presentation at the Extraordinary ChMC on the 5th May 2021. 1. Mandation of the MAP Id in Shipper to CDSP RGMA flows was provided to DSC parties as a potential Solution Option for XRN4780-C, however, this was not the preferred solution as it would represent a serious risk to the CDSP's ability to accept otherwise valid RGMA flows which in turn would significantly reduce asset data accuracy and settlement processes. 2. The CDSP has no jurisdiction with regards to enforcing the mandation of MAP Id in RGMA flows across the industry. It is expected that going forward REC would be monitoring such obligations to which the CDSP could play a role in providing data in relation to this, however the scope of such activities is not yet known. 3. Reporting output has not been considered within the solution of XRN4780-C, however the solution is being designed to ensure potential future reporting can be accommodated. One of the considerations for this is that data to be received from MAMs is currently unknown, scoping requirements for the including of reporting against Shipper provided flows could be regret spend and require re-work. It is also not yet understood the scope of REC reporting and the CDSPs involvement in such, which if progressed with at this stage could duplicate effort and increase cost. It has always been the CDSPs aim as a result of XRN4780-C to increase

	reporting in the RGMA space across the interested parties to aid data quality throughout the industry, but how this solidifies is currently not know but avenues are being investigated. 4. As previously stated, DSC decision to not peruse mandating the MAP Id in Shipper provided RGMA flows due to the potential negative impact on settlement data stands and therefore, within the solution for XRN4780-C, RGMAs will not be rejected if they do not contain a MAP Id value/invalid value, the CDSP will look to supplement this via MAM provided RGMAs. 5. The solution being covered under XRN4780-C is not looking to lock in a MAP Id on an asset. If the CDSP is informed of an amendment to a MAP Id via Shipper provided RGMA updates (or supplementary MAM data), then these will take effect within the Supply Point Register. The CDSP is not in the position to determine the accuracy of such data being provided in regards to the MAP Id, just that the MAP Id being used is correct and registered with the CDSP. 6. The existing RGMA rules (introduced as part of XRN4780-B) that underpin the population/retention of MAP Id via Shipper provided flows are not being amended as part of XRN4780-C. The scenario that you have outlined is valid and the CDSP will not end date an existing MAP Id if informed via UPD flows. However, if informed via a JOB flow, the existing MAP Id will be end dated regardless of the presence of the same MSN. 7. Validation on inbound MAM file flows will contain file level validations on mandatory in accordance with the file format. Additional record level validations will be carried out on the data and if not as expected, will be rejected back to the submitting MAM. Specifically, for MAP Id, this is proposed to be conditional mandatory depending on the type of updates being received, (e.g. Removal flows does not need to have a MAP Id provided as this may not be known). 8. The CDSP will not populate a MAP Id in the Supply Point Register directly from a MAM provided update without the presence of a Shipper provided RGMA update. If no Shipper RGMA update is received and processed, then no check will be done to obtain the MAP Id from MAM provided data. 9. As per the Change Pack, if the Shipper provides a valid MAP Id within their RGMA flow then the CDSP will use this to update the Supply Point Register and will not look to the MAM provided data. Shipper provided MAP Id will take precedent over MAM provided data. We will assure the Shipper provided MAP Id against MDD/CDSP registry and ensure that, before loading into UK Link, this is a real MAP Id (the same will be done against MAM provided MAP Id if used). 10. The scenario you have highlighted is correct within the solution proposed, the CDSP will not be updating the MAP Id if the MAM update is received after the Shipper RGMA flow is processed.

	Processing a MAM update after the processing of a Shipper update will, from a data perspective, look exactly like a MAM direct update, something that is not being considered as part of this change. 11. Regarding direct MAM updates to the Supply Point Register for the MAP Id data item, this was discussed as a possibility however deemed very complex from a solution/process perspective where the MAM flows are not updating the RGMA details as a whole within the Supply Point Register. Timings and potential miss alignment of asset details come into play leading to very complex scenarios for the updating of MAP Id directly from the MAM. Another consideration is that the Shipper is to retain the responsibility for updating the Supply Point Register as per UNC and the remit of XRN4780-C being to supplement, where not provided by the Shipper, the MAP Id from the MAM (where available). 12. Please see response to point 2 above. 13. Bulk updates to MAP Id within the Supply Point Register is not something that is covered by the solution being introduced by XRN4780-C. If bulk updates are required in the future, then this would need to be looked at and addressed individually on a case by case basis. The CDSP will look to support in this but details of how this would materialise is unknown and not within scope of this Change Pack. 14. The scenario you have described is correct, there is no functionality as part of XRN4780-C to directly query and correct data within the Supply Point Register by parties other than the Shipper/MAM as outlined in the Change Pack. However, appointment/de-appointment flows are to be provided to MAPs informing them of such activity and if they feel an update has been processed incorrectly, can opt to discuss this with the appropriate industry parties to assist in resolving. The solution being implemented under XRN4780-C is trying to address elements of maintaining the MAP Id within the Supply Point Register so it can be passed to CSS in line with the obligations set out. We are aware that all scenarios are not covered by the solution but have to balance requirements against timings, DSC steer and existing industry processes. It may be felt that additional processes/monitoring is needed going forward to build on the work being implemented under XRN4780-C, but this would need additional work across the industry, something the CDSP can/will be involved in but ultimately lead and supported by the industry as a whole.

Please send the completed representation response to uklink@xoserve.com

H1: Change Representation

(To be completed by User and returned for response)

User Contact Details:	Organisation:	Scottish Power
	Name:	Helen Bevan
	Email:	Helen.Bevan@scottishpower.com
	Telephone:	01416145517
Representation Status:	Approve	
Representation Publication:	Publish	
Representation Comments:	We do approve this change, however, a point was raised within the business in regards to the Shipper being removed from the process and for the MAM to just update, as this was something that we would have liked to have seen.	
Confirm Target Release Date?	Approve	«h1_userDataAlternative»

H1: Xoserve' s Response

Xoserve Response to Organisations Comments:	Thank you for your response to the Detail Design Change Pack for XRN4780-C, your support has been noted and will be presented at the Extraordinary ChMC on the 5th May 2021. Regarding direct MAM updates to the Supply Point Register for the MAP Id data item, this was discussed as a possibility however deemed very complex from a solution/process perspective where the MAM flows are not updating the RGMA details as a whole within the Supply Point Register. Timings and potential miss alignment of asset details come into play leading to very complex scenarios for the updating of MAP Id directly from the MAM. Another consideration is that the Shipper is to retain the responsibility for updating the Supply Point Register as per UNC and the remit of XRN4780-C being to supplement, where not provided by the Shipper, the MAP Id from the MAM (where available).

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Appendix 1

Change Prioritisation Variables

Xoserve uses the following variables set for each and every change within the Xoserve Change Register, to derive the indicative benefit prioritisation score, which will be used in conjunction with the perceived delivery effort to aid conversations at the DSC ChMC and DSC Delivery Sub Groups to prioritise changes into all future minor and major releases.

Change Details

Change Driver Type:	☐ CMA Order	☐ MOD / Ofgem	
	☐ EU Legislation	☐ License Condition	
	☐ BEIS	☐ ChMC endorsed Change Proposal	
	☐ SPAA Change Proposal	☐ Additional / 3rd Party Service Request	
	☐ Other	<If [Other] please provide details here>	
Customer group(s) impacted if the change is not delivered:	☐ Shipper	☐ IGT	☐ Network
	☐ Xoserve	☐ NG Transmission	☐ NTS
	☐ Other	<If [Other] please provide details here>	
Associated Change Ref Number(s):		Associated MOD Number(s):	
Perceived delivery effort (days):	☐ 0-30	☐ 30-60	
	☐ 60-100	☐ 100+	
Does the change involve the processing of personal data?	'Any information relating to an identifiable person who can be directly or indirectly identified in particular by reference to an identifier' - includes MPRNS.	☐ Yes (if selected please answer the next question)	
		☐ No	
A Data Protection Impact Assessment (DPIA) will be required if the change involves the processing of personal data in any of the following scenarios:	☐ New Technology	☐ Theft of Gas	
	☐ Mass Data	☐ Xoserve Employee Data	
	☐ Vulnerable Customer Data	☐ Fundamental changes to Xoserve	
	☐ Other	<If [Other] please provide details here>	
	(If any of the above boxes have been selected then please contact The Data Protection Officer (Sally Hall) to complete the DPIA.		
Change Beneficiary: *How many market participant or segments stand to benefit this change?*	☐ Multiple Market Participants	☐ Multiple Market Group	
	☐ All UK Gas Market Participants	☐ Xoserve Only	
	☐ One Market Group	☐ One Market Participant	
Primary Impacted DSC Service Area:	Choose Item		
	☐ One	☐ Two to Five	

Number of Service Areas Impacted:	☐ Five to Twenty	☐ All	
Improvement Scale?	☐ High	☐ Medium	☐ Low
Are any of the following at risk if the change is not delivered?	☐ Safety of Supply at risk		
	☐ Customer(s) incurring financial loss		
	☐ Customer Switching at risk		
Are any of the following required if the change is delivered?	☐ Customer System Changes Required		
	☐ Customer Testing Likely Required		
	☐ Customer Training Required		
Primary Application impacted:	☐ BW	☐ ISU	☐ CMS
	☐ AMT	☐ EFT	☐ IX
	☐ Gemini	☐ Birst	☐ API
	☐ Other	<If [Other] please provide details here>	
Business Process Impacted:	☐ AQ	☐ SPA	☐ RGMA
	☐ Reads	☐ Portal	☐ Invoicing
	☐ Other	<If [Other] please provide details here>	
Any known impacts to external services and/or systems as a result of this change?	☐ Yes	<If [Yes] please provide details here>	
	☐ No		

Workaround Details

Workaround in operation?	☐ Yes	If [No] please do not continue completing the [Workaround Details] section
	☐ No	
Who is accountable for the workaround?	☐ Xoserve	☐ External Customer ☐ Both
What is the Frequency of the workaround?		
What is the lifespan for the workaround?		
What is the number of resource effort hours required to service workaround?		
What is the Complexity of the workaround?	☐ Low	*(easy, repetitive, quick task, very little risk of human error)*
	☐ Medium	*(moderate difficult, requires some form of offline calculation, possible risk of human error in determining outcome)*
	☐ High	*(complicate task, time consuming, requires specialist resources, high risk of human error in determining outcome)*

Prioritisation Score

Change Prioritisation Score:	

Version Control

Document

Version	Status	Date	Author(s)	Remarks
1.0	Approved	05/03/2020	Xoserve	Change Proposal split into Part C as agreed with ChMC.
2.0	Approved	15/05/2020	Chan Singh	CP updated with outcome from ChMC meeting on 13th May 2020
3.0	Approved	14/05/2021	Rachel Taggart	Updated with the design outcome from ChMC on 05/05/2021